

62,23

Ch

LIBRARY
RECEIVED
JAN 5 - 1954
U. S. Department of Agriculture

1954



chrysanthemums

ALEC HENDERSON INC.
1303-05 W. RANDOLPH • CHICAGO 7
PHONE • MONROE 6-3082

TERMS AND CONDITIONS OF SALE

FIFTY ROOTED CUTTINGS OF A VARIETY is the MINIMUM that can be supplied.
MORE THAN 50 of a variety must be in MULTIPLES of 50.

CANCELLATIONS or CHANGES of orders must be received at least 30 days prior to shipping date.

TERMS OF PAYMENT

2% discount allowed on payment 10 days from date of invoice. Sixty days net.

METHOD OF SHIPMENT

We recommend shipping via Air Freight or Air Express wherever possible. Air lines are prepared to phone nearby customers on arrival for pick-up, and for customers too far away from the airport, they will reassign shipment via the Railway Express Agency to destination. Where shipments are not ordered Air Freight or Air Express, they will be forwarded via Railway Express.

DISCLAIMER

1. We make no warranty, expressed or implied, as to kind, description, quality or productiveness of any stock and we will not be responsible for crop.
2. We will not be responsible for any errors or omissions and in no event shall our liability for any claim of loss or damage due to any cause whatsoever be greater than the invoice value of the merchandise. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason. We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. All orders subject to acceptance by home office.

CHECK YOUR ACKNOWLEDGMENTS

It is most important to read our acknowledgment of your order. This indicates delivery date our grower estimates can be made. It frequently happens that we have to list a different delivery date than the one called for, and it is necessary that you know this when the order is confirmed.

METHOD BY WHICH VARIETIES ARE LISTED IN THIS CATALOG

Both Pompon Types and Standards in our list are grouped by color and number of weeks required to flower when grown under controlled blooming programs. 8-week varieties require 8 weeks to come into bloom after shading is started for summer and early fall blooming, or 8 weeks after lights are discontinued and shading is started for late winter and spring blooming. 9-week varieties require 9 weeks, 10-week varieties require 10 weeks, etc. These groupings are based on conditions at the 40th parallel, and there would be some variations in localities very much farther north or south of this latitude. Normal blooming dates are also indicated.

ABBREVIATIONS USED IN OUR LIST

L. — Large
S. — Small
M. — Medium
Dk. — Dark
Pk. — Pink
Br. — Bronze

Int. — Intermediate
Dec. — Decorative
Anem. — Anemone
Pom. — Pompon
Sgl. — Single
Yel. — Yellow

Prices

PRICES FOR 50 OR MULTIPLES OF 50 OF A VARIETY PER SHIPMENT ARE INDICATED IN THIS TABLE

Price Classification	PER 100					
	50	100 to 250	300 to 450	500 to 950	1000 to 2450	2500-Up
P-O	\$15.00	\$14.25	\$13.50	\$12.75	\$12.00	\$11.25
N-2	12.50	12.00	11.50	11.00	10.50	10.00
P-1	10.00	9.50	9.00	8.50	8.00	7.50
P-2	9.00	8.55	8.10	7.65	7.20	6.75
P-3	8.00	7.60	7.20	6.80	6.40	6.00
S-1	7.00	6.65	6.30	5.95	5.60	5.25
S-2	6.50	6.15	5.85	5.50	5.20	4.85
S-3	6.00	5.70	5.40	5.10	4.80	4.50

COLLECTIONS

Rooted Cuttings of a given number of varieties in any one general group (Pompons, Standards, or Garden Varieties) may be ordered as a Collection when varieties are not specified.

A. 250 Cuttings (50 each of 5 varieties).....	\$ 14.25	C-5. 1000 Cuttings (200 each of 5 varieties).....	\$ 48.00
B-10. 500 Cuttings (50 each of 10 varieties).....	25.50	D-50. 2500 Cuttings (50 each of 50 varieties).....	112.50
B-5. 500 Cuttings (100 each of 5 varieties).....	25.50	D-25. 2500 Cuttings (100 each of 25 varieties).....	112.50
C-20. 1000 Cuttings (50 each of 20 varieties).....	48.00	D-10. 2500 Cuttings (250 each of 10 varieties).....	112.50
C-10. 1000 Cuttings (100 each of 10 varieties).....	48.00	D-5. 2500 Cuttings (500 each of 5 varieties).....	112.50

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following collections, which include the better varieties.

	250	500	1000	2500
COLLECTION #1: Taller Varieties for cutting	\$14.25	\$25.50	\$48.00	\$112.50
COLLECTION #2: For pots or bedding	14.25	25.50	48.00	112.50
COLLECTION #3: 50% for cutting—50% for bedding	14.25	25.50	48.00	112.50
COLLECTION #4: For Easter, Mother's Day, or Memorial Day Pots	14.25	25.50	48.00	112.50

Please state quantity wanted when ordering collections 1 to 4.

Cultural Suggestions

Start out with the best cuttings available. Our stock is produced and shipped by Chrysanthemum Specialists. These top grade cuttings are carefully packed and labelled. There are none better.

CARE OF CUTTINGS WHEN RECEIVED

Upon arrival of the cuttings examine them immediately. If they have been delayed in transit, some damage may have occurred along the way. If the roots should be dry and plants are wilted, soaking them in about 1 inch of water for about 1 hour will revive them greatly.

If they should have become heated and some fungus has developed, dipping them in a solution of Fermate, 2 tablespoons-full to 1 gallon water, will stop any further spread of the fungi. Of course, if the shipment has been delayed too long and the plants have stretched or turned yellow, or should be badly frozen, file claim with the Transportation Company immediately.

SOILS

Chrysanthemums will grow in about any type of soil provided it has reasonable drainage. Steam sterilization before planting, if it is possible, will prevent disease and weed growth. The soil should be low in nitrates at planting time, but should be built up by feeding after the plants have made several inches of new growth.

WATERING

Cuttings should be watered very liberally as soon as planted. Mums need plenty of water during their entire period of growth. Sandy soils require heavier watering.

PINCHING

This operation varies with the specific need for which you are growing the plants. In general practice allow four weeks from planting until the first pinch, and three weeks for each successive pinch thereafter. All time pinching centers around the last pinching date, which is the recommended pinching date in our Catalog for normal blooming. If you cannot make the pinch on this date, it is better to make the last pinch a few days later than to make it earlier. If your pinching has been timed right, you will have very little trouble with the large Mums developing crown buds, and the spray on the Pompons should be perfect. If for some reason, due to your particular locality, the large Mums develop the crown bud instead of the terminal bud, then pinch a week later than recommended. If the Pompon spray is too open, then pinch one week later, or if it should be too tight, then pinch this particular variety one week earlier the next season. By doing this, you can grow the type of spray your particular market desires.

The last pinching time for cut flowers under controlled blooming procedures is usually about four weeks before shade is applied. For pot plants under these procedures, this pinch is usually made at about the same time or shortly after shade is applied.

SHADING

When using shade on Pompons, the shade must be continued until the whole bed is uniform in color. In the case of large Mums, the shade can be removed as soon as all the buds are selected.

Pot mums the year around can be grown with little effort. To those interested, we will, on request, send complete growing instructions and blooming schedule.

WHAT CAUSES PREMATURE BUDDING OF CHRYSANTHEMUMS DURING THE SPRING MONTHS, AND WHAT TO DO TO PREVENT IT

Bud initiation can occur anytime during the spring months, whenever your temperatures in the greenhouses are consistently 60 degrees Fahrenheit or above, and the days are short enough to initiate bud setting. These conditions can occur anytime up until May 1st depending upon the variety and the locality in which they are being grown. Some varieties such as the garden varieties and early shading varieties require very little short day treatment, coupled with high temperatures to initiate buds. This same tendency to set bud readily is what makes these varieties desirable for early shading and garden work.

In order to prevent this premature setting of buds, these same varieties should be placed where they can be given additional light during the early spring months. Use 60 watt bulbs spaced 4 feet apart and 30 inches above the plants. Use the lights for a period of two hours each night after dark up until May 1st, then discontinue lighting.

New Introductions for 1954

White Pompons, Decoratives, Singles & Anemones

MARSHMALLOW...Oct. 5 Heavily petalled pure white daisy. Improves the growth and durability of Chris. Columbus. Recommended as a garden variety and Mother's Day pot plant. Dwarf, compact plant.

SILVERTONE...Oct. 24 Intermediate white daisy. Similar in habit to Reward and Buckskin. August and September cloth house and May through October in the greenhouse.

SILVER CLOUD...Nov. 1 Intermediate white single. Heavily petalled, better form than Halo. A good producer. Recommended April through October with use restricted to the greenhouse.

FREEDOM...Nov. 5 Intermediate pure white single. Outstanding for spray formation and flower substance. Clean vigorous growth; improves Halo in all respects. Recommended for August and September cloth house, and May through November in the greenhouse. Excellent shipping and keeping qualities.

WHITETOP...Nov. 5 Intermediate pure white decorative. Vigorous growth habit. Recommended April through November in the greenhouse and August through October in the

cloth house; also as a medium sized disbud for pots. It fills the need for a pure white pompon in the greenhouse during the spring months when Encore is difficult to flower.

PACESETTER...Nov. 10 Intermediate pure white single. Good form, petallage and substance. Excellent shipping quality. Growth is short and strong. Excellent for spring, summer and fall. A very fine pot plant disbud.

WHITE ENCHANTRESS...Dec. 5 (Neal) White Sport of Enchantress with same habits.

ILLINI STARLET...Dec. 10 (Univ. of Ill.) Intermediate white anemone. Improves Garza in form, growth and clarity of color. Good production and much freer growth. Believe this is a white anemone that could replace Garza.

TRENTON...Dec. 15 (DePetris) White pompon. Good form and substance plus production. An important pompon for natural flowering.

TALMEDA...Jan. 5 (DePetris) Intermediate white pompon. Improves Revelation. Just about latest white pompon. Good form and substance.

Yellow Pompons, Decoratives, Singles & Anemones

LEE POWELL...Oct. 10 Large golden yellow decorative. Vigorous plant. Showy. Fine for dis-budding. Outstanding garden variety. Promising for outdoor cut flower and spring pot plant.

ARLORA...Oct. 15 (DePetris) Large, soft yellow, closely incurved flower. Very good substance; Flower 3" - 3½" in diameter. Should prove good spring and fall pot plant.

CREAMPUFF...Oct. 20 Intermediate cream white single. Strong fast growth and very heavy production. A beautiful new color for April through June. Excellent in the late September and October cloth house.

ORDALIA...Oct. 25 (DePetris) Deep golden yellow, semi-incurved decorative. Size 3" - 3½". Excellent keeper. Very vigorous and bushy growth. Blooms in the garden in October. A large pot plant disbud.

STARLIGHT...Oct. 25 Large yellow daisy. Improves the growth and production of Star-

bright. Very durable; uniform response. A 9 week Yellow Valencia. Recommended April through October in the greenhouse. Natural or dispray. Makes a fine disbud in pots spring and fall.

AZTEC...Oct. 28 Intermediate deep yellow daisy. Strong wiry growth and heavy production. Especially valuable for high temperature flowering. Recommended May through October in greenhouse and, August and September in cloth house. Greatly improves existing 9-week yellow daisy varieties in production and flower quality.

SAUTERNE...Oct. 30 Intermediate intense yellow single. Very uniform response tolerating a wide temperature range. Improves the production, petallage and quality of Yellow Halo and other existing yellow daisy varieties. Recommended May through October in the greenhouse, August through October in the cloth house.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1954

Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

GONDOLA...Oct. 30 Intermediate yellow daisy. Outstanding form and color. Quite large flower similar to Starbright. Recommended May through October in the greenhouse and in the cloth house. Vary durable with fine petallage and substance.

HONEYMOON...Nov. 4 Large yellow daisy. Good form and an unusually clear yellow color. Recommended May and June in the greenhouse, and August and September in the cloth house.

YELLOW PARAMOUNT...Nov. 23 Deep yellow sport from Paramount. Same habit as original variety.

YELLOW FORTUNE...Dec. 1 Deep yellow sport from Fortune. Same habit as original variety.

YELLOW ACCLAIM...Dec. 5 (Neal) Bright yellow sport of Acclaim with same habits.

YELLOW SNOWCAP...Dec. 15 Deep lemon yellow sport from Snowcap. Same habit as original variety.

Bronze & Red Pompons, Decoratives, Singles & Anemones

BUCKEYE...Oct. 3 Intermediate salmon bronze pompon. Dwarf, compact, very sturdy growth. Striking new color well suited to the garden and Mother's Day pot plant program.

MOONMAID...Oct. 14 Intermediate salmon bronze pompon. A new and useful color with good growth and production. Late garden variety or outdoor cut flower. Recommended for spring and fall flowering.

TALISMAN...Oct. 20 Talisman bronze; intermediate daisy. Color holds exceptionally well. Recommended April through October in the greenhouse and August and September cloth house.

PARADISE...Oct. 20 Intermediate coral red single. Color holds well. Recommended April through mid June in the greenhouse, mid August through October in the cloth house. A tall variety of outstanding new color.

PALETTE...Oct. 20 Intermediate dark salmon single. Heavy petallage with good substance. Fine in spring and fall. A new Pastel shade.

GAIETY...Oct. 25 Intermediate coral bronze single. This variety in combination with Paradise and Prelude constitute a trio bred to widen color range adding new and lively pastels especially valuable in the spring. Good growth and production. An exciting new color.

HILARITY...Nov. 1 Intermediate golden bronze single. Small daisy of wide petal and very lively color. Tolerates a wide range of conditions. Recommended May through October. Growth habit lends itself to pot culture.

FLAME GLOW...Nov. 5 (Winkler) Intermediate golden orange single. Fine growth and production.

ORANGE BEAUREGARD...Nov. 5 Lively, light orange or golden bronze sport from Beauregard. Valuable in a continuous year 'round program. In the early cloth house or under high temperature conditions it is a deep golden yellow pompon. Growth habit and response is same as that of Beauregard.

RED KING...Nov. 13 (Poesch) Intermediate Red Daisy. Good growth and production; short, compact plant with compound spray. A good red pot plant variety.

CADET...Nov. 14 Intermediate red anemone. Short, compact and free breaking. Approximate size of Gypsy. Recommended as a spray but useful as a disbud. Season is October through March, especially effective at Thanksgiving and Christmas. A pot plant variety.

ILLINI REDWOOD...Nov. 25 (Univ. of Ill.) Intermediate red pompon. Hard, durable, well formed flower. Fine red pompon for Thanksgiving.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1954

Pink Pompons, Decoratives, Singles & Anemones

PETRISIAN MAUVE
PETRISIAN PINK } . . . **Oct. 5** (DePetris) These
PETRISIAN ROSE }
 are three outstanding DePetris hybrids for the garden and spring pot plants.

SONNET . . . Oct. 14 Intermediate salmon pink pompon. Stocky compact growth; well adapted to the garden and a good spring pot plant. Valuable color in late September cloth house.

BETTY . . . Oct. 14 Intermediate light salmon pink decorative. Upright cut flower growth; suitable for gardens. Well known for outstanding color.

FAIRYLAND . . . Oct. 15 Intermediate decorative lively pink color. Very uniform response. A low temperature variety that improves Carolyn Yosick; also a spring and fall pot plant. Recommended in early cloth house and as a garden variety.

MAYFAIR . . . Oct. 15 Intermediate, smooth pink single. Growth and production surpasses that of Reward. Uniform flowering response. Valuable for cut April through October in the greenhouse and, July through October in the cloth house. A much needed color in a cloth house daisy.

JESTER . . . Oct. 15 Intermediate, dark orchid pink single. Very early variety with free vigorous growth.

CITATION . . . Oct. 15 Intermediate pink pompon. Dwarf, compact but very sturdy growth. In color and growth it improves Queen of Pinks. A pot plant disbud. Recommended April through June and again in October. One of the best late garden varieties.

MIRTH . . . Oct. 20 Intermediate light pink single. Larger than Reward. Especially valuable in spring flowering April through June. Durable and uniform response in July through October in the cloth house.

PRELUDE . . . Oct. 24 Intermediate coral pink single. Clean growth habit. A beautiful pastel color, extremely effective under artificial light. Recommended flowering period April through June, and mid September through October cloth house and greenhouse.

PINKETTE . . . Oct. 25 Intermediate pink pompon. A bread and butter variety to grow with Keepsake and Gold Coast. Recommended for May and June, and again in September and Octo-

ber in the greenhouse; also, August through October in the cloth house.

VOGUE . . . Oct. 25 Large pink single. Beautiful form and substance. Especially valuable June and July. Rigid growth habit. Improves Ballerina and Soprano. Good in August - September cloth house.

PORTRAIT . . . Nov. 8 Large pink pompon. Very heavy producer of beautiful high quality flowers. Growth is strong, compact with excellent sprays. A versatile variety that can be grown anytime 10-week varieties are used. Also responds well to partial disbudding. Tolerates a lower minimum temperature than Pandura. Excellent pot plant March through December.

BLUE CHIP . . . Nov. 1 Intermediate pink decorative. Vigorous growth and heavy production; very pleasing color. Recommended May and June in the greenhouse, and August through October in the cloth house. Also a good spring pot plant disbud.

LOTUS . . . Nov. 3 (DePetris) Intermediate pink pompon. Mary McArthur growth; a high quality flower for the shading program.

TEMPO . . . Nov. 3 Intermediate deep pink decorative. A 9-week Masterpiece. Rigid stem; very hard, durable flower. Recommended April through June in the greenhouse, and August and September in the cloth house.

PENNANT . . . Nov. 10 Intermediate pink decorative. A dark pink Masterpiece; fine form and substance. Tolerates low temperature well. Vigorous growth. Recommended April through October in the greenhouse, and August through October in the cloth house.

COVER GIRL . . . Nov. 10 (Winkler) Light pink anemone with salmon pink cushion. Good color and form. Short, compact growth with good production. For cut flower and pot plant use.

NOBILITY . . . Nov. 10 Intermediate light pink single. Very flat form. Medium to tall with free, easy growth. A quality daisy. Recommended May, June, October and November in the greenhouse, and August through October in cloth house.

CAROLE . . . Nov. 15 (Winkler) Light pink anemone with salmon pink cushion. Resembles Major-ette. Definitely smoother color plus more substance.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1954

Pink Pompons, Decoratives, Singles & Anemones

(Continued)

POLKA...Nov. 20 Intermediate pink anemone. Essentially a pot plant; equally valuable as a spray or disbud. Beautiful form and color. Compact growth. Recommended October through June.

NUGANO . . . Nov. 20 (DePetrus) Intermediate pompon. Excellent growth and production. A high quality flower. One of the most important pink pompons for this season.

DK. PK. MAJORETTE...Nov. 20 Dark sport of Majorette. Lively, intense color. Same habit as original variety.

ILLINI FORMAL...Nov. 23 (Univ. of Ill.) Intermediate rose pink pompon. Fine growth and production. Excellent substance. Flowers for Thanksgiving. Very novel form that should be popular.

PINK CLOUD...Nov. 25 (Winkler) Light pink decorative. Greenish overcast until mature; very fine form and substance.

ARGYLE...Dec. 10 (DePetrus) Small pink pompon. Fine clean growth; hard flower plus very acceptable pink shade. An outstanding late pink pompon.

New Yellow Standard

DARK YELLOW CHATTANOOGA...Nov. 25 (Wolfe) Deep yellow sport from Chattanooga. Same habit as original variety.

New Garden Variety - Introductions by DePetrus

OSTOSA...Solid pure white medium large pompon type. Vigorous semi-dwarf habit. Very free flowering with good substance. Blooms Sept. 25th.

BUTTERCUP...Large golden yellow incurving bloom. Free growth and good foliage as well as free flowering. Blooms Oct. 1st.

REGINA...Large decorative blooms of a pleasing coral apricot bronze color. Very free flowering. Blooms Oct. 1st.

LIMELIGHT...Very free and productive solid white pompon with a greenish cast. Excellent substance and form as well as placement. Good clean straight stems makes it an excellent cutting variety. Beautiful growth and foliage. Blooms Oct. 5th. This variety should be outstanding for cutting besides making a very showy white pompon for the garden, very vigorous and easily grown.

CORONA...An outstanding vivid pink daisy shading to wine. Of good size and excellent substance. Very good clean stem freely produced and perfect placement. Very good growth and foliage. Blooms Oct. 5th. Excellent both for cutting and garden decoration.

SUNSTONE...Very free and vigorous plant producing many blooms of soft yellow spoon or spider like blooms on good stems. Very good foliage. Somewhat tall growth habit. Useful for cutting as well as garden decoration. Blooms Oct. 8th.

CALUMET...Outstanding full decorative blooms of good size and substance produced on strong clean stems of good length. Color is a lively apricot with a luminous glow. Beautiful foliage with very free and vigorous growth habit. Blooms October 8th to 10th. This is a Rubellum hybrid which produces high quality blooms with almost perfect stems and sprays without shading.

CHOPIN...Large incurved light bronze averaging 4" to 4½" which grows 20 or more blooms to the plant. Very strong stems and vigorous semi-dwarf growth. Blooms October 15th.

SARASOTA...Lively yellow solid pompon with good size and substance. Vigorous and productive, therefore suitable for cut flowers. Medium tall. Blooms October 15th.

ARVIS...Vivid bronze small pompon. Free growth and good stem. Blooms October 15th.

— FOR PRICES REFER TO GENERAL LIST —

White Pompons, Decoratives, Singles & Anemones

6-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Sept. Morn,	Int. Single. Lt. pink quickly shading to white		Oct. 1	S-1
White Wonder,	Int. Pompon		Oct. 1	S-2
Chris. Columbus,	Int. Dec. Cream; short, compact, prolific		Oct. 1	S-1

7-Week Varieties

Avalanche,	Snow White Decorative. Large.		Oct. 5	S-2
*White Cloud,	Large Decorative		Oct. 5	S-1
Horizon,	Int. Pompon, whiter and more durable than Chris.		Oct. 5	P-3
*Marshmallow,	Heavily petalled pure white daisy		Oct. 5	P-1
*Maestro,	Int. Pompon, dwarf, compact 18" growth		Oct. 10	S-1
Renown,	White Daisy		Oct. 10	S-1
Classic,	Small Semi-Formal Pompon		Oct. 10	S-1
Silverplate,	Int. Decorative		Oct. 12	S-1

8-Week Varieties

Silver Ball,	Large Pompon	July 10	Oct. 15	S-3
Calif. White Daisy	(Kimoto's White), Int. Single, strong & prod.	July 20	Oct. 15	S-1
Irene,	Small Pompon	July 10	Oct. 15	S-2
Norona,	Small Pompon, excellent for early shading	July 10	Oct. 15	P-3
Pristine,	Pure White; Int. Pompon	July 10	Oct. 20	S-1
Minong,	Small Pompon	July 10	Oct. 20	S-3
Silvertone,	Int. White Daisy, habit similar to Buckskin	July 15	Oct. 24	P-1

9-Week Varieties

Popcorn,	Int. Pompon	July 15	Oct. 25	S-2
White Popcorn,	Cream White Sport of Popcorn, most productive	July 15	Oct. 25	P-3
Keepsake,	Cream White; Int. Pompon	July 15	Oct. 25	P-3
Pinocchio,	Small Pompon	July 20	Oct. 25	S-3
Songster,	Int. Pompon, withstands heat well	July 15	Oct. 25	S-1
*Granite State,	Large white pompon	July 15	Oct. 25	S-3
Cottontop,	Small Pompon	July 20	Oct. 25	S-2
Shooting Star,	Int. Single, good form, productive	July 20	Oct. 25	P-3
Arcadia,	Int. Pompon	July 16	Oct. 28	S-2
Silver Cloud,	Int. sgl., heavily petalled	July 20	Nov. 1	P-1
Halo,	Ivory White; Int. Single	July 20	Nov. 1	S-1
Sea Gull,	Ivory White; Int. Pompon	July 20	Nov. 1	S-3
White Doty,	Large Pompon	July 20	Nov. 1	S-2

10-Week Varieties

Freedom,	Int. pure white sgl. Excellent substance	July 20	Nov. 5	P-1
*Whitetop,	Int. pure white Decorative, vigorous growth	July 20	Nov. 5	P-1
*Richard Mandel,	Large cream Pompon	July 20	Nov. 5	S-2
Madonna,	Int. Pompon, good clean growth	July 20	Nov. 5	P-3
Kolowa,	Int. Single	July 20	Nov. 5	S-1
Encore,	Pure White; Int. Pompon	July 20	Nov. 5	S-2
White Anemone,	Large Anemone	July 20	Nov. 5	S-1
White Mensa,	Large Single	July 20	Nov. 5	S-2
Rev. Bushnell,	Int. Formal Pompon	July 19	Nov. 8	S-1
Moonglow,	Int. Pompon	July 20	Nov. 8	S-1
Pacesetter,	Int. pure white sgl. Excellent form and substance	July 20	Nov. 10	P-1
Illini Igloo,	Int. Pompon, cream center, exceptional substance	July 20	Nov. 10	P-2
Shasta,	Int. Anemone	July 20	Nov. 10	S-3
Dynamo,	Int. Pompon	July 20	Nov. 10	P-3
Vesper,	Int. Pompon	July 19	Nov. 10	S-2
Nagona	(Calif White Mensa), Int. Single	July 20	Nov. 10	S-1
Little America,	Pure White; Int. Anemone	July 20	Nov. 10	S-3
Illini Snowdrift,	Novelty — Int. Decorative	July 20	Nov. 12	S-1
Matchless,	Int. Pompon	July 22	Nov. 12	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

White Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	11-Week Varieties		Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
White Freida,	Anemone White	July	22		Nov. 15	S-3
Sculpture,	Ivory White — L. Single	July	22		Nov. 15	P-3
White Norma,	Large Anemone, sport of Norma	July	22		Nov. 15	S-1
Eskimo,	Int. Single, clear white, fine form, excellent substance	July	22		Nov. 15	P-3
Lakme,	Green Eye; Small Pompon	July	22		Nov. 15	S-1
Snowflurry,	Small white button Pompon. Very productive	July	28		Nov. 15	S-1
Seafoam,	Int. Pompon	July	28		Nov. 20	S-2
L. I. Beauty,	Yellow Cushion; L. Anemone	July	25		Nov. 20	S-3
Highbrow,	Ivory White; Int. Dec., uniform growth habit	July	25		Nov. 20	S-1
Nevada,	Int. Anemone	July	25		Nov. 20	S-2
Priscilla,	Int. Pompon	July	25		Nov. 20	S-3
Illini Bountiful,	Int. Decorative	July	25		Nov. 23	S-1
Crystal Beauty,	Int. Pompon	July	28		Nov. 23	S-1
Paramount,	Int. Pompon	July	25		Nov. 23	S-1
Belray,	Large white Pompon, tall grower	July	25		Nov. 24	S-1
12-Week Varieties						
White Yuletide,	Int. Pompon	July	28		Nov. 25	S-3
*White Lady,	Sport of Beautiful Lady	July	28		Nov. 25	P-2
White Valencia,	Sport of Valencia, large single	Aug.	1		Nov. 28	S-1
Cordova,	Cream White; Int. Pompon	July	28		Nov. 30	S-2
Fortune,	Int. Formal Pompon	July	28		Dec. 1	S-1
Monarch,	Ivory White; L. Decorative, clean vigorous grower	July	28		Dec. 1	P-3
13-Week Varieties						
White Enchantress,	Large white Anemone	Aug.	10		Dec. 5	P-1
Cameo,	Ivory White; Int. Dec.	Aug.	10		Dec. 5	S-3
Acclaim,	Large Formal Pompon	Aug.	10		Dec. 5	P-3
Swan,	Large Anemone	Aug.	1		Dec. 5	S-1
Spangles,	Small Pompon	Aug.	1		Dec. 5	S-1
Cotillion,	Int. Semi-Formal Pompon, heavily petalled	Aug.	1		Dec. 5	P-3
Snowdrop,	White Button Pompon	Aug.	1		Dec. 8	P-3
Carrara,	Int. Decorative	Aug.	1		Dec. 8	P-2
Illini Starlet,	Int. Anemone, better form and growth than Garza	Aug.	10		Dec. 10	P-1
Imp. White Supreme,	Large Anemone	Aug.	10		Dec. 10	S-1
Snow Queen,	Int. Formal Pompon, good substance	Aug.	5		Dec. 10	P-3
Yukon,	Int. Single	Aug.	10		Dec. 10	S-3
14-Week Varieties						
Trenton,	White Pompon of good form and substance	Aug.	10		Dec. 15	P-1
Snowcrest,	Green Eye; Small Pompon	Aug.	10		Dec. 15	S-2
Silversmith,	Int. Decorative	Aug.	10		Dec. 15	S-2
Snowcap,	Large Formal Pompon	Aug.	5		Dec. 15	S-1
Garza,	Int. Anemone	Aug.	5		Dec. 15	S-2
Satellite,	Ivory White; Int. Formal Pompon	Aug.	10		Dec. 15	P-3
Heirloom,	Int. Decorative	Aug.	10		Dec. 20	S-1
15-Week Varieties						
Revelation,	Int. Decorative	Aug.	15		Dec. 25	S-3
Muto's White,	Large white Pompon	Aug.	15		Dec. 25	S-3
Snow,	Int. Pompon	Aug.	10		Dec. 25	S-3
Illini Snowbound,	Large informal Dec., cream center	Aug.	15		Jan. 5	P-2
Talmeda,	Int. Pompon, about the latest	Aug.	15		Jan. 5	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Pompons, Decoratives, Singles & Anemones

		<i>6-Week Varieties</i>		Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
VARIETY	DESCRIPTION					
*Yel. Chris. Columbus,	Sport of Chris. Columbus	.....			Oct. 1	S-1
Moonlight,	Int. Pompon. Short compact growth	.....			Oct. 1	P-2
Honeycomb,	Small Pompon	.....			Oct. 1	S-2

7-Week Varieties

Polaris,	Int. Single. New Arctic hybrid	.....			Oct. 5	S-1
Chas. Nye,	Int. Decorative	.....			Oct. 5	S-2
Garland,	Int. Single, compact vigorous growth, strong substance	.....			Oct. 5	P-3
Yellow Spoon,	Int. Spoon	.....			Oct. 5	S-1
Lee Powell,	Large golden yel. dec. Vigorous, showy	.....			Oct. 10	P-2
Goldrush,	Small Single, vigorous 3' growth	.....			Oct. 10	S-1
Treasure,	Small Pompon, upright habit, fine for cut	.....			Oct. 10	P-3
Bright Forecast,	Small Formal Pompon, excellent for cut	.....			Oct. 10	S-1
Lemonade,	Ivory Yellow; Int. Dec., outstanding color	.....			Oct. 12	S-1
Sweepstake,	Small Pompon, good substance, good production	...			Oct. 12	S-1

8-Week Varieties

Arlora,	Large soft yellow, incurved excellent substance	.....	July 10		Oct. 15	P-1
Yellow Irene,	Small Pompon; Lt. Lemon	.....	July 10		Oct. 15	S-2
Rodell Imp.,	Small Pompon; Lt. Lemon	.....	July 10		Oct. 20	S-3
Creampuff,	Int. cream sgl. Strong fast growth, heavy producer	..	July 10		Oct. 20	P-1
Moondrift,	Int. Ivory Yel. Sgl., excellent growth and production	..	July 10		Oct. 20	P-2

9-Week Varieties

*Ordalial,	Deep golden yel. semi-incurved Dec.	.....	July 20		Oct. 25	P-1
Starlight,	Large yellow Daisy	.....	July 20		Oct. 25	P-1
Yel. Firebird,	Int. Decorative; Deep Lemon	.....	July 20		Oct. 25	S-2
Red Dot,	Int. Pompon; Yellow — Red Center	.....	July 20		Oct. 25	S-3
Golden Herald,	Golden Yellow; L. Dec.	.....	July 12		Oct. 25	S-3
Gold Coast,	Int. Pompon	.....	July 20		Oct. 25	S-3
Yellow Dot,	Int. Pompon	.....	July 20		Oct. 25	S-3
Cream Dot,	Int. Pompon, sport of Pink Dot	.....	July 15		Oct. 25	S-3
Aztec,	Int. deep yel. Daisy. Heavy producer	.....	July 20		Oct. 28	P-1
Sunup,	Small Pompon. Good producer	.....	July 20		Oct. 28	P-3
Yellow Arcadia,	Sport of Arcadia	.....	July 16		Oct. 28	S-2
Sauterne,	Int. intense yellow. Single.	.....	July 20		Oct. 30	P-1
Gondola,	Int. yellow Daisy, outstanding form and color	.....	July 20		Oct. 30	P-1
Mary L. Hall,	Deep Yellow; Int. Pompon	.....	July 20		Nov. 1	S-3
Yellow Halo,	Sport of Halo	.....	July 20		Nov. 1	P-2
Schn. Yellow Daisy,	Int. Single	.....	July 20		Nov. 1	S-1
Yellow Doty,	Buff Yellow; Large Pompon	.....	July 15		Nov. 1	S-2
Starbright,	Deep Yellow; L. Single	.....	July 15		Nov. 1	S-1
Yellow Daisy,	Int. Single	.....	July 20		Nov. 1	S-2
Yellow Sea Gull,	Light Yellow; Sport of Sea Gull	.....	July 20		Nov. 1	S-3
Yellow Cassandra,	Sport of Cassandra	.....	July 20		Nov. 1	S-1
Calif. Yellow Daisy,	Int. Sgl.; Brt. Lemon	.....	July 20		Nov. 1	S-1
Mary Gold,	Int. Pompon; Dp. Lemon	.....	July 20		Nov. 1	S-3
Sunray,	Int. Single; S. Anemone Center	.....	July 15		Nov. 3	S-3
Honeymoon,	Lge. Yellow Daisy of good form	.....	July 20		Nov. 4	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

10-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Barcarole, Int. Pompon	July 20	Nov. 5	S-2
Brigadoon, Int. Single, heavily petalled, excellent growth	July 20	Nov. 5	P-3
Crescendo, Large Pompon, tall grower	July 20	Nov. 5	S-1
Constellation, Int. Decorative	July 20	Nov. 5	S-3
Pixie, Small Pompon	July 20	Nov. 5	S-2
Nuggets, Small Pompon	July 20	Nov. 5	S-3
Golden Mensa, Sport of White Mensa	July 15	Nov. 5	S-2
Yellow Shasta, Sport of Shasta	July 25	Nov. 10	S-3
Mason's Yellow, Large Single	July 20	Nov. 10	S-1
Yellow Nagona (Calif. Yel. Mensa), Int. Single	July 20	Nov. 10	S-1
*Lila Lily, Deep lemon int. Anem.	July 25	Nov. 10	S-1
Illini Goldcup, L. Pompon, Buttercup	July 25	Nov. 10	S-1
*Yellow Beauty, L. Pompon, Golden	July 25	Nov. 10	S-2

11-Week Varieties

Princeton, Int. Decorative	July 28	Nov. 15	S-2
Thorbred, Large Single, good growth, fine production	July 22	Nov. 15	P-3
Golden Chord, Golden Yellow; Int. Pompon	July 22	Nov. 15	S-2
Forty-Niner, Int. Formal Pompon	July 28	Nov. 15	S-2
Yellow Fellow, Int. Decorative	July 28	Nov. 15	S-2
Susanne Miller, Large Anemone	July 28	Nov. 15	S-1
Tacoma, Large Pompon, broad petalled, excellent form	July 28	Nov. 15	P-2
Illini Brave, Small Pompon	July 28	Nov. 16	S-1
Yellow L. I. Beauty, Sport of L. I. Beauty	Aug. 1	Nov. 20	S-1
Yellow Highbrow, Sport of Highbrow	Aug. 1	Nov. 20	P-2
Lollipop, Int. Formal Pompon, round and hard, good production . .	Aug. 1	Nov. 20	S-1
Pippin, Int. Pompon, dependable producer	Aug. 1	Nov. 20	P-3
Klondike, Orange Yellow; Int. Pompon	July 28	Nov. 20	S-1
Bojangles, Int. Single, heavy petalled, good producer	July 25	Nov. 20	S-1
Yellow Nevada, Sport of Nevada, int. Anem.	July 25	Nov. 20	S-2
Illini Sunspot, Large Pompon	Aug. 1	Nov. 20	P-2
Yellow Rolinda, Int. Anem. — Buff Yellow	Aug. 1	Nov. 23	S-3
Yellow Paramount, Deep yel. sport of Paramount, same habits . . .	Aug. 1	Nov. 23	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Pompons, Decoratives, Singles & Anemones

12-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Sunnyside, Int. Pompon	Aug. 5	Nov. 25	S-3
Champagne, Int. Single	July 28	Nov. 25	S-1
Goldenrod, Int. Pompon, excellent keeper, heavy production	July 28	Nov. 25	P-3
Illini Gold, Deep Golden Yellow Int. Pompon	July 28	Nov. 25	S-2
Goldsmith, Large Decorative	Aug. 5	Nov. 25	S-2
Highlander, Int. Formal Decorative, dependable producer	July 28	Nov. 25	P-3
Yellow Priscilla, Int. Decorative — Lemon	Aug. 5	Nov. 25	S-1
Golden Jane, now named Yellow Valencia	Aug. 5	Nov. 28	S-2
Yellow Valencia, Sport of Valencia, large single	Aug. 5	Nov. 28	S-2
Yellow Cordova, Sport of Cordova, int. Pompon	July 28	Nov. 30	S-2
Yellow Fortune, Deep yellow sport of Fortune, same habits	July 28	Dec. 1	P-1
Omega, Int. Pompon	Aug. 1	Dec. 1	S-3
Nosegay, Small Pompon, lively and durable	July 28	Dec. 1	P-3
Yellow Galaxy, Sport of Galaxy, int. sgl., wide flat petals	Aug. 1	Dec. 1	P-2

13-Week Varieties

Golden Harvest, Deep Gold; Small Pompon	.....	Aug. 1	Dec. 5	S-1
Brandywine, Orange Yellow; Int. Dec. excellent growth habit	....	Aug. 1	Dec. 5	P-3
Jack-Pot, Golden Yellow; L. Dec.	.....	Aug. 1	Dec. 5	P-3
Symmetry, Int. Pompon	.....	Aug. 10	Dec. 5	P-3
Yellow Acclaim, Bright yellow sport of Acclaim	.....	Aug. 10	Dec. 5	P-1
Yellow Swan, Sport of Swan, large Anem.	.....	Aug. 1	Dec. 5	S-1
Yellow Cameo, Sport of Cameo	.....	Aug. 1	Dec. 5	S-3
Yellow Spangles, Sport of Spangles	.....	Aug. 10	Dec. 5	P-2
Cinderella, Int. Single	.....	Aug. 1	Dec. 5	S-1
Goldtone, Int. Single, heavily petalled	.....	Aug. 10	Dec. 5	S-1
Imp. Yellow Supreme, Large Anemone	.....	Aug. 10	Dec. 10	S-1
Challenge, Int. Single	.....	Aug. 5	Dec. 12	S-1
Corsair, Lg. Semi-Formal Pompon, outstanding vigor & prod.	....	Aug. 10	Dec. 12	P-3

14-Week Varieties

Yellow Snowcap, Deep lemon yellow sport of Snowcap	.....	Aug. 5	Dec. 15	P-1
Yellow Riviera, Golden Yellow; Sport of Riviera	.....	Aug. 10	Dec. 15	S-1
Cream Snowcrest, Sport of Snowcrest	.....	Aug. 10	Dec. 15	P-2
Yellow Snowcrest, Sport of Snowcrest	.....	Aug. 5	Dec. 15	P-3
Yellow Garza, Sport of Garza	.....	Aug. 5	Dec. 15	S-2
Sequin, Small Pompon, a late Pixie	.....	Aug. 5	Dec. 15	S-1
Shamrock, Large Decorative, heavy growth and production	....	Aug. 5	Dec. 15	S-1
December Gold, Golden Yellow; Int. Decorative	.....	Aug. 5	Dec. 15	S-2
Sunkist, Int. Single	.....	Aug. 10	Dec. 20	S-1
Vibrant, Int. Decorative	.....	Aug. 10	Dec. 20	S-3
Revelry, Int. Decorative	.....	Aug. 10	Dec. 20	P-3
Gold Seal, Int. Single	.....	Aug. 10	Dec. 20	P-2
Sunrise, Int. Pompon, a late Gold Coast	.....	Aug. 10	Dec. 20	P-3
Golden Anniversary, Small Pompon	.....	Aug. 10	Dec. 25	S-1

15-Week Varieties

Siren, Int. Decorative	.....	Aug. 15	Dec. 25	S-1
Yuleflame, Large Decorative	.....	Aug. 15	Dec. 25	S-1
Yellow Snow, Sport of Snow	.....	Aug. 10	Dec. 25	S-3
Yellow Revelation, Int. Pompon — Yellow	.....	Aug. 15	Dec. 25	S-3
Illini Yellow Snowbound, Sport of Illini Snowbound	.....	Aug. 15	Jan. 5	P-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Bronze & Red Pompons, Decoratives, Singles & Anemones

6-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
*W. P. Snyder,	Coral Bronze; Int. Dec. dwarf, compact prolific		Oct. 1	S-1
Marionette,	Rust Red; Small Pompon, formal		Oct. 1	S-1
Mogul,	Raspberry Bronze; Small Dec.		Oct. 1	P-2
Bonfire,	Int. Red Pompon		Oct. 1	S-1

7-Week Varieties

Avalon,	Light Bronze; Small Pompon		Oct. 5	P-2
Mona,	Small Pompon		Oct. 5	S-1
Huntsman,	Reddish Bronze; Large Dec.		Oct. 5	S-1
Firecracker,	Mahogany Bronze; Int. Dec.		Oct. 5	P-3
*Buckeye,	Int. salmon bronze Pompon. Dwarf, compact		Oct. 8	P-1
Panorama,	Orange Bronze; Small Pompon		Oct. 8	P-2
Red Velvet,	Velvety Crimson; Int. Dec.		Oct. 10	S-2
Bamboo,	Buff Bronze; Small Single		Oct. 10	S-1
Blueblood,	Deep Amaranthe; Int. Dec.		Oct. 10	P-3
Calico,	Coral Bronze; Small Single		Oct. 10	S-1
Caravan,	Salmon Bronze; Int. Dec.		Oct. 10	P-3
Carmine Queen,	Carmine Red; Small Pompon		Oct. 10	S-1
Carnival,	Burnt-Orange; Small Pompon		Oct. 10	S-1
Fireside,	Burnt-Orange; Salmon; Int. Dec.		Oct. 10	S-1
Nokomis,	Bronze; Int. Dec.		Oct. 12	S-1
Nocturne,	Crimson; Small Pompon		Oct. 12	S-1
Nytoda,	Apricot Buff; Int. Single		Oct. 12	P-2
Carmelita,	Orange Apricot; Int. Dec.		Oct. 12	S-1
Witchery,	Golden Bronze; Int. Dec.		Oct. 12	S-1
Mrs. Du Pont,	Coral Buff; Large Decorative		Oct. 12	S-1
Admiral,	Crimson; Int. Decorative		Oct. 12	P-3
Moonmaid,	Int. salmon bronze pompon		Oct. 14	P-1

8-Week Varieties

Robinhue,	Red; Int. Decorative	July 5	Oct. 15	S-1
Red Glow,	Crimson Red; Int. Decorative	July 5	Oct. 15	S-1
Cocktail,	Salmon Orange; Int. Pompon	July 5	Oct. 15	P-3
Rajah,	Scarlet Red; Int. Single	July 15	Oct. 15	P-3
Detroit,	Reddish Bronze; Small Pompon	July 15	Oct. 15	S-1
James Stewart,	Apricot Gold; Small Pompon	July 15	Oct. 15	S-1
Jemima,	Large Pompon, Dk. Bronze	July 15	Oct. 20	S-3
Talisman,	Int. Talisman bronze Daisy	July 15	Oct. 20	P-1
Paradise,	Int. coral red sgl. Tall grower	July 15	Oct. 20	P-1
Palette,	Int. dk. salmon sgl. Heavy petallage, good substance	July 15	Oct. 20	P-1
Adelaide,	Small Pompon, Dk. Bronze	July 15	Oct. 20	S-3
Br. Mary McArthur,	Sport of Mary McArthur, orange bronze	July 15	Oct. 23	S-1

9-Week Varieties

Gaiety,	Int. coral bronze sgl. Good growth and production	July 20	Oct. 25	P-1
Firebird,	Reddish Bronze; Int. Dec.	July 20	Oct. 25	S-2
Bronze Dot,	Sport of Pink Dot	July 14	Oct. 25	S-3
Buckskin,	Tawny Bronze; Small Single, outstanding production	July 20	Oct. 25	S-1
Bonton,	Int. Pompon — Rosewood	July 20	Oct. 25	S-2
Oct. Bronze,	Int. Single — Rosewood	July 20	Oct. 28	S-2
*Hilarity,	Int. golden bronze sgl. Wide petalled small Daisy		Nov. 1	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Bronze & Red Pompons, Decoratives, Singles & Anemones

9-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Seneca, Orange Red; Int. Dec.		July 14	Nov. 1	S-2
Firefly, Orange Red; Int. Pompon, holds color well		July 14	Nov. 1	S-1
Bronze Daisy, Light Bronze; Sport of Yellow Daisy		July 15	Nov. 1	S-2
Imp. Br. Daisy (Katoka Red), Sport of Br. Daisy, more vivid		July 15	Nov. 1	S-1
Buccaneer, Orange Apricot; Int. Single. Fine growth & prod.		July 25	Nov. 1	P-3
Red Seneca, Red Sport of Seneca		July 25	Nov. 1	S-1
Br. Buckingham, Sport of Pk. Calif. Daisy		July 20	Nov. 1	S-1
Navaho, Red; Int. Pompon		July 25	Nov. 1	S-2
Red Daisy, Red; Int. Single		July 15	Nov. 1	S-2
Imp. Red Daisy (Adachi Red). Sport of Red Daisy		July 15	Nov. 1	S-1

10-Week Varieties

Flame Glow, Int. sgl. golden orange. Fine growth and production .	July 25	Nov. 5	P-1
Comanche, Orange Bronze; Int. Pompon		Nov. 5	S-1
Beauregard, Reddish Orange; Int. Pompon	July 25	Nov. 5	S-1
Orange Beauregard, Lively light orange sport of Beauregard ...	July 20	Nov. 5	P-1
Butterscotch, Golden Bronze; Int. Pompon	July 20	Nov. 5	S-1
Cassandra, Orange Bronze; Int. Pompon	July 20	Nov. 5	S-2
Red Rust, Reddish Bronze; Int. Dec.	July 25	Nov. 5	S-2
Rubicon, Bronze Red; Int. Dec.	July 20	Nov. 5	S-2
Magician, Bronze; L. Pompon	July 20	Nov. 5	S-1
Bittersweet, Bittersweet Red; Int. Single	July 25	Nov. 5	S-2
*Gypsy, Bronze; Small Anemone	July 25	Nov. 8	S-3
Samovar, Reddish Bronze; Int. Pompon	July 20	Nov. 10	S-1
Sylvanna, Reddish Orange; Int. Single	July 19	Nov. 10	S-2
Chanticleer, Reddish Bronze; L. Pompon	July 20	Nov. 10	S-1
Mason's Bronze, Burnt Orange; Large Single	July 19	Nov. 10	S-1
Mason's Red, Scarlet; L. Single	July 19	Nov. 10	S-1
Chevron, Int. red Pompon, intense color	July 25	Nov. 10	S-1
The Titan, Red; Large Anemone	July 25	Nov. 10	S-2
*Bronze Thyra, Sport of Thyra	July 20	Nov. 10	S-1
Illini Burma, Light Bronze; L. Pompon	July 25	Nov. 10	P-3
Europa, Cardinal Red; L. Single	July 19	Nov. 10	S-1
*Copperhead, Coppery Bronze; L. Dec.	July 25	Nov. 10	S-1
Br. Linda Lou, Sport of Linda Lou	July 25	Nov. 10	S-1
Br. Tuxedo, L. Anemone; Sport of Tuxedo	July 19	Nov. 10	S-1
Gold Braid, Yellow Bronze-Red Center; Int. Pompon	July 20	Nov. 12	P-3
Illini Rye, Straw Color; Int. Pompon	July 25	Nov. 12	P-3
Br. Masterpiece, Sport of Masterpiece	July 25	Nov. 12	S-3
Dk. Br. Masterpiece, Sport of Br. Masterpiece	July 20	Nov. 12	S-2
Paragon, Red; L. Pompon, heavy producer	July 25	Nov. 12	S-1
Illini Tangier, Reddish Bronze; L. Decorative	July 25	Nov. 12	P-2
*Red King, Int. red Daisy. Short, compact, good growth and prod. .	July 25	Nov. 13	P-1
*Cadet, Int. red Anem. Short compact pot variety	July 25	Nov. 14	P-1

11-Week Varieties

Mrs. Dewey, Deep Bronze; L. Sgl. Heavy petalled, good keeper ..	July 28	Nov. 15	S-1
*Shalimar, Orange Bronze; Int. Anemone, short, compact	July 28	Nov. 15	P-3
Red Princeton, Brazil Red; Sport of Princeton	July 28	Nov. 15	S-2
Illini Honey, Honey Amber; Small Pompon	July 28	Nov. 15	S-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Bronze & Red Pompons, Decoratives, Singles & Anemones

11-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Illini Redhead,	Deep Red; Small Pompon	July 28	Nov. 17	S-1
Illini Warrior,	Bronzy Orange; Int. Pompon	Aug. 1	Nov. 20	S-1
Legal Tender,	Bronze & Gold — Int. Dec.	Aug. 1	Nov. 20	S-3
Rusticon,	Rust Red; Int. Pompon	July 25	Nov. 20	S-2
Thelma,	Orange Scarlet; Int. Pompon, brilliant color	Aug. 1	Nov. 20	P-3
Bourbon,	Rust Bronze; Int. Single	July 25	Nov. 20	S-1
Carousel,	Coral Bronze; Int. Single	July 25	Nov. 23	S-1
Festival,	Apricot Red; Int. Single	July 25	Nov. 23	S-1
Br. Minuet,	Sport of Minuet	July 28	Nov. 23	S-2
Red Rolinda,	Red; Int. Anemone	July 25	Nov. 23	S-3

12-Week Varieties

Illini Redwood,	Int. Red Pompon, hard and durable	Aug. 1	Nov. 25	P-1
Br. Goldsmith,	Orange; Large Dec.	Aug. 1	Nov. 25	S-2
Wanakah,	Sport of Hasegawa Pink; Coral salmon	July 28	Nov. 25	P-2
Falcon,	Reddish Bronze; Int. Pompon, improved Rusticon	July 28	Nov. 25	S-1
Yolanda,	Dk. Orange Bronze; Int. Anemone, high production	Aug. 1	Nov. 25	S-1
Indian Head,	Reddish Apricot; Int. Single	July 28	Nov. 28	S-1
Apricot Valencia,	Sport of Valencia	Aug. 1	Nov. 28	S-2
Crimson Valencia,	Sport of Valencia	July 28	Nov. 28	S-1
Amberina,	Orange Bronze; Int. Dec.	Aug. 1	Dec. 1	P-3
Galaxy,	Orange Scarlet; Int. Single	Aug. 1	Dec. 1	S-1

13-Week Varieties

Dazzler,	Coppery Bronze; Partial Anemone. Strong grower	Aug. 1	Dec. 5	P-3
Br. Enchantress,	Sport of Enchantress	Aug. 5	Dec. 5	S-2
Debonair,	Crimson Red; L. Pompon	Aug. 10	Dec. 5	S-2
Mahogany Viking,	Mahogany Bronze; Int. Dec.	Aug. 1	Dec. 5	S-1
Red Supreme,	Sport of Dk. Pk. Supreme, large Anem.	Aug. 5	Dec. 10	S-1
Harlequin,	Crimson Red; Int. Decorative	Aug. 5	Dec. 10	P-3
Holiday,	Crimson Red; Int. Single	Aug. 5	Dec. 10	S-1
Cavalcade,	Mandarin Red; Int. Pompon	Aug. 1	Dec. 10	S-1
Pageantry,	Red; Int. Pompon	Aug. 4	Dec. 10	S-1
Imp. Bronze Supreme,	L. Anem. — Buff Apricot	Aug. 10	Dec. 10	S-1
Christmas Star,	Scarlet Red; Int. Single	Aug. 10	Dec. 12	S-2
Br. Minstrel,	Coral Sport of Minstrel	Aug. 5	Dec. 13	S-1
Dk. Br. Minstrel,	Reddish Bronze Sport of Minstrel	Aug. 5	Dec. 13	P-2

14-Week Varieties

Bronze Riviera,	Sport of Riviera, Int. Dec.	Aug. 5	Dec. 15	S-1
Claret,	Brilliant Red; Int. Single. Short, stocky growth	Aug. 5	Dec. 15	P-3
Topaz,	Orange Bronze; Int. Single. Heavy petalled, strong	Aug. 15	Dec. 15	P-3
Christmas Greeting,	Crimson Scarlet; Int. Dec. Good production	Aug. 15	Dec. 15	S-1
Sarong,	Crimson; Int. Single	Aug. 5	Dec. 15	S-2
Merrymaker,	Scarlet Red; Int. Single	Aug. 15	Dec. 20	S-1
Poinsettia,	Scarlet Red; L. Single	Aug. 15	Dec. 20	P-3

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Pompons, Decoratives, Singles & Anemones

6-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Early Wonder,	Lavender, Int. Pompon		Oct. 1	S-2
Spellbound,	Int. Decorative		Oct. 1	S-2

7-Week Varieties

Petrisian Mauve,	New DePetris hybrid for garden and Spring pot plants		Oct. 5	P-0
Petrisian Pink,	New DePetris hybrid for garden and Spring pot plants		Oct. 5	P-0
Petrisian Rose,	New DePetris hybrid for garden and Spring pot plants		Oct. 5	P-0
Courtier,	Lavender Pink Decorative. Garden type, compact		Oct. 10	P-3
Dream Girl,	Int. Pompon		Oct. 10	S-1
*Ponca,	Dk. Lavender, Small Decorative, compact, prolific		Oct. 10	S-1
Argonne,	Amaranthe Pompon		Oct. 10	S-1
Lassie,	Dk. Pk.; Int. Decorative		Oct. 10	P-3
Serenade,	Magenta Pink; Int. Sgl. Strong 3' stems, fine for cut		Oct. 10	S-1
Orchid Spoon,	Int. Spoon		Oct. 10	S-1
Joybringer,	Salmon Rose; Int. Dec.		Oct. 10	S-1
Brigadier,	Salmon Rose; Int. Decorative		Oct. 10	P-2
Sweetheart,	Light Lavender; Int. Sgl. Fine cut flower, 3' stems		Oct. 10	S-1
Allegro,	Small Decorative		Oct. 12	S-2
Masquerade,	Small Pompon		Oct. 12	S-1
Ronnie,	Dk. Lavender; Small Pompon		Oct. 12	S-1
Salute,	Deep Pink; Small Single cut flower variety		Oct. 12	S-1
Adagio,	Coppery Rose Pompon		Oct. 12	S-1
*Lavender Lady,	Lt. Lav.; Lg. Dec. Good for Mother's Day plant		Oct. 12	S-1
Sonnet,	Int. salmon pink Pom. Stocky, compact		Oct. 14	P-1
Betty,	Int. Lt. Salmon pink Dec.		Oct. 14	S-1

8-Week Varieties

*Fairyland,	Lively pink int. Dec. Improves Carolyn Yosick	July 15	Oct. 15	P-1
Mayfair,	Int. pink sgl. Growth and production surpasses Reward	July 15	Oct. 15	P-1
Jester,	Int. dk. orchid pink sgl. Free vigorous growth	July 15	Oct. 15	P-1
*Citation,	Int. pink Pompon. Dwarf, compact. Pot plant disbud	July 15	Oct. 15	P-1
Enterprise,	Amaranthe, Int. Pompon	July 15	Oct. 15	P-2
Eliz. Hood,	Lavender; Large Pompon	July 15	Oct. 15	P-2
Jewell,	Lavender; Small Pompon	July 15	Oct. 15	S-2
Dk. Jewell,	Small Pompon; Dark Lavender	July 15	Oct. 15	S-2
Mirth,	Int. Lt. pink sgl. Larger than Reward	July 15	Oct. 20	P-1
Carolyn Yosick,	Lavender; Small Decorative	July 15	Oct. 20	S-3
Pink Sprite,	Small Pompon	July 18	Oct. 23	S-1
Mary McArthur,	Small Pompon	July 14	Oct. 23	S-1
Capt. Cook,	Int. Pompon; Deep Rose	July 15	Oct. 23	S-3
Prelude,	Int. coral pink sgl. Beautiful pastel	July 15	Oct. 24	P-1

9-Week Varieties

Pinkette,	Int. pink Pompon		Oct. 25	P-1
Vogue,	Lge. pink sgl. Beautiful form and substance		Oct. 25	P-1
Edith Roberts,	Light Orchid Pink; Small Pompon	July 12	Oct. 25	S-1
Reward,	Int. Single	July 20	Oct. 25	S-1
Pink Dot,	Int. Pompon	July 14	Oct. 25	S-3
Jessie,	Lavender; Int. Pompon	July 20	Oct. 25	S-3
Betty Rose,	Lavender; L. Anemone	July 15	Oct. 25	S-1
Oct. Pink,	Int. Single	July 20	Oct. 25	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Pompons, Decoratives, Singles & Anemones

9-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Bluechip, Int. pink Dec.	Vigorous growth, heavy production		Nov. 1	P-1
Pk. Calif. Daisy (W. H. Buckingham).	Int. Single	July 20	Nov. 1	S-1
Rainbow, Coral Pink; Int. Single		July 20	Nov. 1	P-2
Ballerina, Int. Single		July 15	Nov. 1	S-1
Lillian Doty, Rose Pink; L. Pompon		July 20	Nov. 1	S-2
Arbutus, Shrimp Pink; Int. Pompon		July 20	Nov. 1	P-2
Lotus, Int. pink Pompon. Mary McArthur growth			Nov. 3	P-1
Tempo, Int. deep pink Dec. Rigid stem, strong flower			Nov. 3	P-1
*Portrait, Lge. pink Pompon. Strong, compact, heavy producer			Nov. 8	P-1

10-Week Varieties

Dreamboat, Lavender Pink; Int. Pompon	July 22	Nov. 5	S-2
Dark Bulkeley, Int. Formal Pompon	July 19	Nov. 8	S-1
Pennant, Int. pink Dec. A dark pink Masterpiece		Nov. 10	P-1
*Cover Girl, Lt. pink Anem. with salmon pink cushion		Nov. 10	P-1
Nobility, Int. Lt. pink sgl. Flat form, medium to tall		Nov. 10	P-1
Pandora, Luminous Pink; L. Dec Vigorous growth	July 20	Nov. 10	P-3
*Thyra, Int. Formal Pompon	July 20	Nov. 10	S-3
Soprano, Large Single	July 19	Nov. 10	S-1
Linda Lou, Int. Anemone	July 19	Nov. 10	S-3
Dark Linda Lou, Sport of Linda Lou	July 25	Nov. 10	S-3
Tuxedo, Large Anemone	July 19	Nov. 10	S-1
*Queen of Pinks, L. Pompon; Lavender Rose	July 25	Nov. 10	S-3
Miss Clarinda, Int. Pompon; Light Lavender	July 25	Nov. 10	P-3
Masterpiece, Int. Pompon	July 25	Nov. 12	S-3
Rose Masterpiece, Rose Pk. Sport of Masterpiece	July 20	Nov. 12	S-2
Salmon Masterpiece, Salmon Pk. Sport of Masterpiece	July 20	Nov. 12	S-2
Memorial, Int. Anemone	July 25	Nov. 12	P-3
Taffeta, Int. Decorative two-tone	July 22	Nov. 12	S-1

11-Week Varieties

Carole, Lt. pink Anem. with salmon pink cushion		Nov. 15	P-1
Dark Norma, Deep Lavender; L. Anemone	July 25	Nov. 15	S-1
Orchid Beauty, Golden Cushion; Int. Anemone	July 25	Nov. 15	S-2
Brocade, Shell Pink; Int. Single	July 22	Nov. 15	S-3
Freida, L. Anem.; Lt. Lavender	July 25	Nov. 15	S-3
*Polka, Int. pink Anem. Compact growth, excellent pot plant		Nov. 20	P-1
Nugano, Int. Pompon. Excellent growth and production		Nov. 20	P-1
Grand Slam, Silvery Shell Pk.; L. Single	July 28	Nov. 20	P-3
Almega, Lavender Pink; Large Pompon		Nov. 20	P-2
Vivacious Lady, Spoon Type Novelty	July 25	Nov. 20	P-3
Evening Star, Dk. Lavender; Int. Anemone	July 28	Nov. 20	P-3
Pink L. I. Beauty, Lt. Pk. Sport of L. I. Beauty. Large Anemone	July 28	Nov. 20	S-1
Pinky, Int. Decorative	July 25	Nov. 20	S-1
Dk. L. I. Beauty, Imp. Pink L. I. Beauty	July 28	Nov. 20	P-2
Majorette, Int. Anemone	July 28	Nov. 20	S-1
Dk. Pink Majorette, Dark sport of Majorette. Lively, intense		Nov. 20	P-1
Minuet, Int. Pompon	Aug. 1	Nov. 23	S-2
Illini Formal, Int. Rose Pink Pompon	Aug. 1	Nov. 23	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Pompons, Decoratives, Singles & Anemones

(Continued)

12-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Pink Cloud , Lt. pink Dec. Fine form and substance			Nov. 25	P-1
Princess , Small Pompon		July 28	Nov. 25	P-3
Hasegawa Pink , Lavender; Int. Single		July 28	Nov. 25	S-1
* Beautiful Lady , Lavender; L. Anemone		Aug. 1	Nov. 25	S-3
Valencia , Orchid Pk.; Large Single		Aug. 1	Nov. 28	S-2
Dark Valencia , Sport of Valencia		Aug. 1	Nov. 28	S-2
Dubonnet Valencia , Deep Orchid; Sport of Valencia		Aug. 1	Nov. 28	P-2
Orchid Valencia , Orchid; Sport of Valencia		Aug. 1	Nov. 28	P-3
Salmon Valencia , Salmon Pink; Sport of Valencia		Aug. 1	Nov. 28	P-3
Heritage , Dk. Pink; L. Formal Pompon. Vigorous, good prod.		Aug. 5	Dec. 1	P-3

13-Week Varieties

Enchantress , Large Anemone	Aug. 5	Dec. 5	S-2
Dark Enchantress , Deep Pink; Sport of Enchantress	Aug. 1	Dec. 5	S-1
Argyle , Small pink Pompon. Hard flower, outstanding		Dec. 10	P-1
Debutante , Large Single, Lavender	Aug. 5	Dec. 10	S-1
Dk. Pk. Supreme , Lavender; L. Anemone	Aug. 10	Dec. 10	S-1
Imp. Dk. Supreme , Sport of Dk. Pk. Supreme, larger flatter flower .	Aug. 10	Dec. 10	S-1
Minstrel , Int. Formal Pompon, Lavender	Aug. 7	Dec. 13	S-1
Lt. Pk. Minstrel , Sport of Minstrel	Aug. 7	Dec. 13	P-2

14-Week Varieties

Dk. Riviera , Deep Lavender — Int. Dec.	Aug. 10	Dec. 15	S-3
Riviera , Luminous Pink; Int. Dec.	Aug. 5	Dec. 15	S-3
Serrated Riviera , Sport of Riviera	Aug. 10	Dec. 15	P-2
Coronet , Dark Pink; Int. Single	Aug. 5	Dec. 15	S-1
Pk. Treas. Island , Lt. Lavender — Int. Dec.	Aug. 15	Dec. 20	S-3
Rosalind , Int. Single, Lavender	Aug. 10	Dec. 20	S-3
Defiance , Int. Decorative	Aug. 15	Dec. 20	S-1
Medallion , Int. Pompon, Lavender Rose	Aug. 15	Dec. 20	S-1
Rose Medallion , Sport of Medallion	Aug. 15	Dec. 20	P-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

White Standards

8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Silver Sheen, Int. Incurved	July 10	Oct. 20	S-3
White Chief, Int. Incurved	July 10	Oct. 20	S-1
Christina, Small Incurved	July 12	Oct. 23	S-1

9-Week Varieties

Granite State, Small Semi-Incurved	.....	July 15	Oct. 25	S-3
Ambassador, Cream White; Int. Semi-Incurved	.....	July 15	Oct. 25	S-2
Nightingale, Spider type, chartreuse center	.....	July 20	Dec. 25	S-2
*Queen's Lace, Spider	.....	July 15	Nov. 1	S-1
Kay Tashima, Spider	.....	July 20	Nov. 1	S-1
*Wilson's White, Int. Incurved, outst'g white standard pot mum	..	July 15	Nov. 1	P-3
Albatross, Pure White; Int. Incurved	.....	July 15	Nov. 1	S-2
Snow White, White; Large Incurved	.....	July 20	Nov. 1	S-3

10-Week Varieties

Betsy Ross, Ivory White; L. Incurved	.....	July 20	Nov. 5	S-3
Giant Betsy Ross, Sport of Betsy Ross	.....	July 20	Nov. 5	S-2
White Rayonnante, Spider	.....	July 20	Nov. 5	S-2
*Indianapolis White, Int. Incurved	.....	July 20	Nov. 5	S-3
Richard Mandel, Small Incurved	.....	July 20	Nov. 5	S-2
Jean Elizabeth, L. Semi-Incurved	.....	July 25	Nov. 10	S-2
Crystal Queen, Imp. Jean Elizabeth, Sport of Orchid Queen	.....	July 25	Nov. 10	P-2
White Pockett, Large Incurved	.....	July 20	Nov. 10	S-1
Monument, Ivory White; Int. Incurved	.....	July 25	Nov. 10	S-2

11-Week Varieties

Sterling, Large Incurved	.....	July 22	Nov. 15	S-1
*Marketeer, Int. Semi-Incurved	.....	July 28	Nov. 18	S-3
Mefo, Ivory White; L. Incurved	.....	July 28	Nov. 20	S-3
*White Frick, Int. Incurved	.....	July 28	Nov. 20	S-2
Indiana Market, Int. Incurved	.....	July 28	Nov. 20	S-1

12-Week Varieties

Chattanooga, Large Incurved	.....	Aug. 1	Nov. 25	S-3
December Glory, Ivory White; Int. Incurved	.....	Aug. 5	Dec. 1	S-2
Margaret Moeller, Int. Incurved	.....	July 30	Dec. 3	S-3

13-Week Varieties

December White, Int. Incurved	.....	Aug. 1	Dec. 5	S-2
White Mistletoe, Int. Incurved	.....	Aug. 5	Dec. 5	S-2
Snowline, Large Incurved, showy	.....	Aug. 5	Dec. 10	S-1
Smith's White, Int. Semi-Incurved	.....	Aug. 10	Dec. 13	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Standards

		8-Week Varieties		Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
VARIETY	DESCRIPTION					
Buttercup,	Large incurved golden yellow	July	15		Oct. 15	P-0
*Gold Lode,	Int. Reflexed	July	10		Oct. 15	S-3
Celestra,	Small, Semi-Incurved	July	10		Oct. 15	S-2
Harvest Golden,	Golden; Int. Incurved	July	10		Oct. 15	S-1
Mrs. Kidder,	Int. Incurved	July	10		Oct. 20	S-3
Butterball,	Int. Incurved	July	10		Oct. 20	S-1
*Blazing Gold,	Golden Yellow; Int. Semi-Incurved	July	15		Oct. 23	S-3
9-Week Varieties						
Smith Superlative,	Golden Yellow; Int. Semi-Incurved	July	15		Oct. 25	S-2
Moribana,	Spider	July	15		Oct. 25	P-2
Yellow Ambassador,	Sport of Ambassador	July	15		Oct. 25	S-2
Yellow Bergen,	Sport of Hilda Bergen	July	15		Oct. 25	S-2
Sunglow,	Golden Yellow; Int. Incurved	July	15		Oct. 25	S-3
Golden Glory,	Golden Yellow; Int. Incurved	July	16		Nov. 1	S-2
*Yellow Lace,	Sport of Queen's Lace	July	15		Nov. 1	S-1
Gold Lace,	Imp. Yellow Lace	July	15		Nov. 1	P-2
Hooked Yellow Lace,	Yellow Lace with Hooked Petals	July	15		Nov. 1	P-2
Good News,	Int. Incurved	July	16		Nov. 1	S-2
10-Week Varieties						
Imp. Ind. Yellow,	Selection of Ind. Yellow	July	20		Nov. 5	S-1
Ind. Yellow,	Int. Incurved	July	20		Nov. 5	S-3
*Dk. Ind. Yellow,	For Pot Plant Use Only	July	20		Nov. 5	S-2
Yellow Rayonnante,	Spider, Yellow Sport of Rayonnante	July	20		Nov. 5	S-1
Sue Sally Jones,	Lemon; Spider	July	20		Nov. 5	S-1
Yellow Queen,	Sport of Orchid Queen	July	20		Nov. 10	S-2
Jamboree,	Golden Yellow; Int. Incurved	July	20		Nov. 10	S-1
Yellow Beauty,	Small Incurved	July	25		Nov. 10	S-2
Yellow Pockett,	Large Incurved	July	20		Nov. 10	S-1
Yellow Monument,	Sport of Monument	July	20		Nov. 10	S-2
Honey Dew,	Int. Incurved	July	22		Nov. 12	S-2
11-Week Varieties						
Lorraine,	Spider	July	22		Nov. 15	S-1
Yellow Marketeer,	Sport of Marketeer	July	25		Nov. 18	P-2
*Bonnaffon Deluxe,	Small Incurved, excellent pot variety	July	25		Nov. 20	S-3
Friendly Rival,	Int. Incurved	July	25		Nov. 20	S-2
Yellow Mefo,	Sport of Mefo	July	25		Nov. 20	S-3
Cream Mefo,	Sport of Mefo	July	25		Nov. 20	S-2
Purdue,	Int. Incurved	July	25		Nov. 20	S-1
Harvester,	Int. Incurved	July	28		Nov. 23	S-3
Marie DePetris,	Golden Yellow; Int. Incurved	July	28		Nov. 23	S-2
12-Week Varieties						
Yellow Chattanooga,	Sport of Chattanooga	July	28		Nov. 25	S-3
Dk. Yellow Chattanooga,	Deep yellow sport of Chattanooga	July	28		Nov. 25	P-1
Golden Pearson,	Int. Incurved	July	28		Nov. 25	S-3
Mrs. Calkins,	Golden Yellow; Int. Semi-Incurved	July	28		Nov. 25	S-1
*Sungold,	Int. Incurved	July	28		Nov. 25	S-2
Golden Mrs. Ross,	Golden Yellow; L. Incurved	July	30		Dec. 3	S-3
Yellow Moeller,	Sport of Margaret Moeller	July	30		Dec. 3	S-1
13-Week Varieties						
Golden Mistletoe,	Int. Incurved	Aug.	1		Dec. 5	S-2
Chalice,	Int. Incurved	Aug.	1		Dec. 5	P-3
Tobin's Yellow,	Int. Semi-Incurved	Aug.	5		Dec. 13	S-2
Metore,	Int. Semi-Incurved	Aug.	5		Dec. 13	S-2
Dauntless,	Golden Yellow; Semi-Incurved	Aug.	5		Dec. 13	S-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Bronze & Red Standards

8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Chopin, Large inc. lt. bronze		July 15	Oct. 15	P-0
*Amber Bright, Int. Incurved		July 15	Oct. 15	S-1
Mayford's Triumph, Dk. Amber; Int. Incurved		July 15	Oct. 15	S-1

9-Week Varieties

Dalwin, Light Bronze Spider		July 15	Oct. 25	P-2
Hilda Bergen, Int. Incurved		July 15	Oct. 25	S-2
*Glitters, Reddish Orange; Int. Reflexed		July 15	Oct. 28	S-2
*Red Glitters, Sport of Glitters		July 15	Oct. 28	S-2
Ivanhoe, Reddish Bronze; Small Incurved		July 15	Nov. 1	S-2
Apricot Queen, Orange Bronze; Int. Incurved		July 15	Nov. 1	S-2
Detroit News, Reddish Bronze; Int. Incurved		July 15	Nov. 1	S-2
Royal Bronze, Orange Bronze; Small Incurved		July 15	Nov. 1	P-2

10-Week Varieties

Waikiki, Apricot Bronze; Spider		July 20	Nov. 5	S-1
Gena Harwood, Buff Bronze Spider		July 20	Nov. 5	S-1
Nomago, Bronze Spider		July 20	Nov. 5	P-3
Mamaru, Buff Bronze Spider		July 20	Nov. 5	S-2
Ind. Bronze, Int. Incurved		July 20	Nov. 5	S-3
*Ind. Golden Bronze, Quilled; For Pot Plant Use Only		July 20	Nov. 5	P-3
Dk. Ind. Bronze, Sport of Ind. Bronze		July 20	Nov. 5	P-2
Anaconda, Coppery Red; Large Incurved		July 20	Nov. 8	S-2
Oakdale, Buff Bronze; Int. Incurved		July 20	Nov. 10	S-1
Br. Orchid Queen, Sport of Orchid Queen		July 20	Nov. 10	S-2
Mrs. Stahelin, Reddish Bronze; Int. Incurved		July 20	Nov. 10	S-1
Mrs. Roy, Red; Int. Incurved		July 22	Nov. 13	S-1
Garnet King, Deep Red; Int. Reflexed		July 22	Nov. 13	S-2

11-Week Varieties

*Br. Frick, Sport of Helen Frick		July 25	Nov. 20	S-2
----------------------------------	--	---------	---------	-----

12-Week Varieties

Gladys Pearson, Buff Bronze; Int. Incurved		July 25	Nov. 25	S-3
Oak Leaf, Deep Bronze; Int. Incurved		July 25	Nov. 25	S-3
Muto's Crimson, Red; Int. Semi-Incurved		July 28	Dec. 1	S-1

13-Week Varieties

Bronze Mistletoe, Int. Incurved		Aug. 1	Dec. 5	S-2
---------------------------------	--	--------	--------	-----

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Standards

8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Pink Chief ,	Lavender; Int. Incurved	July 10	Oct. 15	S-3
*Major Bowes ,	Deep Lavender, Int. Incurved	July 12	Oct. 15	S-3

9-Week Varieties

Sugarplum ,	Int. Incurved	July 15	Nov. 1	S-1
Mrs. Walker ,	Deep Lavender; Spider	July 15	Nov. 1	S-1
Mary Garden ,	Spider, light Lavender	July 15	Nov. 1	S-1

10-Week Varieties

J. W. Prince ,	Lavender; Int. Incurved	July 20	Nov. 5	S-2
Rayonnante ,	Spider	July 20	Nov. 5	S-2
Ind. Pink ,	Int. Incurved	July 20	Nov. 5	S-3
Orchid Queen ,	Orchid Pink; Semi-Incurved	July 20	Nov. 10	S-2
Lavender Queen ,	Sport of Orchid Queen	July 20	Nov. 10	S-1
Dk. Orchid Queen ,	Deep Pk. Sport of Orchid Queen	July 20	Nov. 10	S-2
*Peggy Hoover ,	Spider	July 20	Nov. 10	S-1
Queen of Pinks ,	Small Incurved	July 20	Nov. 10	S-3
Pink Pockett ,	Large Incurved	July 20	Nov. 10	S-1
Aristocrat ,	Deep Lavender; Large Incurved	July 22	Nov. 20	S-2

11-Week Varieties

Rose Delight ,	Deep Rose — Int. Incurved	July 28	Nov. 20	S-1
*Helen Frick ,	Rose Pink; Int. Incurved	July 22	Nov. 20	S-2
*Thanks. Pink ,	Deep Pink; Int. Reflexed	July 25	Nov. 23	S-3
Ed. Seidewitz ,	Lavender; Int. Incurved	July 25	Nov. 23	S-2

13-Week Varieties

Pink Mistletoe ,	Int. Incurved	Aug. 1	Dec. 5	S-2
-------------------------	---------------	--------	--------	------------

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Garden Varieties

SYMBOLS — (L) LARGE — (D) DECORATIVE — (P) POM — (C) CUSHION — (S) SINGLE — (B) BUTTON — (C-F) CARNATION FLOWERED

* RECOMMENDED FOR MOTHER'S DAY POT PLANTS PINCHED AND SHORT DAY TREATMENT SAME DAY

D VARIETIES RECOMMENDED AS BETTER WHEN DISBUDDED

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
WHITE					
Osage	(D)	White	Med.	Sept. 5	P-0
Candlelight	(D)	Ivory	Med.	Sept. 5	S-3
D. D. Ahrens	(D)	White	Tall	Sept. 10	S-3
Paper White	(D)	White	Med.	Sept. 10	S-1
*Chris. Columbus	(LD)	Cream	Tall	Sept. 15	S-1
White Cushion	(C)	White	Short	Sept. 15	S-3
*Calcite	(D)	Cream	Med.	Sept. 15	S-3
Drifted Snow	(D)	Cream	Med.	Sept. 15	S-3
Powder Puff (cushion)	(D)	White	Short	Sept. 15	S-1
Polar Ice	(LD)	White	Med.	Sept. 15	S-1
*White Bounty	(B)	White	Tall	Sept. 15	S-1
White Tower	(LP)	Cream	Tall	Sept. 15	S-2
White Wonder	(LP)	Ivory	Med.	Sept. 25	S-2
*Shalimar (Hardy)	(LP)	Cream	Tall	Sept. 25	P-3
White Cloud	(D)	White	Tall	Sept. 25	S-1
*Pepita	(B)	White	Med.	Sept. 28	S-1
Snow Fall	(D)	White	Med.	Oct. 1	S-1
Ermine	(D)	Ivory	Med.	Oct. 1	S-1
Spin Drift	(LD)	White	Med.	Oct. 1	P-1
Winterset (Hardy)	(LD)	White	Med.	Oct. 1	S-2
Limelight (New)	(P)	White	Med.	Oct. 5	P-0
*Lyric	(S)	White	Short	Oct. 5	P-3
Avalanche	(LD)	Cream	Tall	Oct. 5	S-2
*Horizon	(P)	White	Med.	Oct. 5	P-3
Youdath's White	(LD)	White	Med.	Oct. 5	S-3
*Monogram	(S)	White	Short	Oct. 5	S-1
Snow Elf	(P)	White	Med.	Oct. 8	S-1
*Classic	(B)	White	Tall	Oct. 10	S-1
*Maestro	(P)	White	Short	Oct. 10	S-1
*Renown	(S)	White	Med.	Oct. 10	S-1
White Spoon	(Spoon)	White	Med.	Oct. 10	S-3
*Silverplate	(D)	White	Med.	Oct. 12	S-1
Silver Ball	(P)	White	Tall	Oct. 15	S-3
Irene	(B)	White	Med.	Oct. 15	S-2
Norona	(SP)	White	Med.	Oct. 15	P-3

FOR PRICES SEE PAGE 1

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
YELLOW					
Pathfinder	(CF)	Lemon	Med.	Aug. 28	P-0
Butterball (Hardy)	(P)	Golden	Short	Sept. 1	S-1
*Early Gold	(P)	Golden	Short	Sept. 5	S-1
Golden Hours	(P)	Chrome Yel.	Med.	Sept. 8	S-2
Genista	(P)	Canary	Med.	Sept. 12	N-2
Yel. Supreme (Hardy)	(C)	Bright Lemon	Short	Sept. 15	S-3
*Pomponette	(P)	Golden	Short	Sept. 15	S-3
Yellow Cushion	(C)	Lt. Yellow	Short	Sept. 15	S-3
Sunapee	(P)	Dp. Lemon	Tall	Sept. 15	S-2
*Yel. Chris Columbus	(LD)	Bright Lemon	Med.	Sept. 15	S-1
Yel. Avalanche	(LD)	Lt. Lemon	Tall	Sept. 15	S-2
*Early Yellow	(B)	Dp. Lemon	Short	Sept. 15	S-3
Defiance (Hardy)	(D)	Golden	Tall	Sept. 15	S-1
Golden Carpet	(P)	Golden	Short	Sept. 15	P-3
Bowl o' Gold (cushion)	(P)	Canary	Short	Sept. 15	P-0
*D Ming	(P)	Orange Yel.	Med.	Sept. 18	P-2
*Sept. Sunshine	(S)	Bright Lemon	Med.	Sept. 20	S-2
Wychwood	(LP)	Canary	Med.	Sept. 20	S-2
Canary Wonder	(P)	Canary	Med.	Sept. 25	P-3
Chas. Nye	(LP)	Dp. Lemon	Tall	Sept. 25	S-2
Honeycomb	(P)	Golden	Med.	Sept. 25	S-2
*Moonlight (DePetris)	(D)	Bright Yel.	Med.	Sept. 25	P-2
Lee Powell	(LD)	Chinese Yel.	Tall	Sept. 25	P-2
Tangerine	(LD)	Dp. Orange	Med.	Sept. 25	S-2
Flaxen Beauty	(LD)	Lt. Lemon	Med.	Oct. 1	P-2
King Midas	(LD)	Lemon	Med.	Oct. 1	S-3
*Chiquita	(B)	Dp. Lemon	Med.	Oct. 1	S-2
James Eadie	(LP)	Dp. Chrome	Tall	Oct. 5	S-2
Garland	(S)	Lemon	Short	Oct. 5	P-3
Polaris	(S)	Golden Buff	Med.	Oct. 5	S-1
Vanguard	(LP)	Golden	Med.	Oct. 5	P-3
*D Mrs. Rotan	(LD)	Dp. Chrome	Med.	Oct. 5	S-2
Dwight Douglas	(LD)	Golden Yel.	Med.	Oct. 5	N-2
Sunstone (New)	(Spoon)	Lt. Yellow	Tall	Oct. 8	P-0
*Yel. Spoon	(Spoon)	Lt. Yellow	Med.	Oct. 10	S-1
Treasure	(P)	Golden	Tall	Oct. 10	P-3
Golden Spoon	(Spoon)	Golden	Med.	Oct. 10	S-3
*Yel. Blanket	(B)	Br. Lemon	Med.	Oct. 10	S-2
Bright Forecast	(P)	Br. Lemon	Med.	Oct. 10	S-1
*Gold Rush	(SI)	Lemon	Med.	Oct. 10	S-1
Sweepstake	(P)	Lemon	Med.	Oct. 12	S-1
*Lemonade	(P)	Ivory Yel.	Med.	Oct. 12	S-1
Judith Anderson	(B)	Golden	Med.	Oct. 15	S-3
Gold Lode	(L-Inc.)	Golden	Med.	Oct. 15	S-3
Rodell Imp.	(B)	Lt. Lemon	Med.	Oct. 15	S-3
Yellow Irene	(B)	Lt. Lemon	Med.	Oct. 15	S-2
Buttercup (Hardy, New)	(L-Inc.)	Golden	Short	Oct. 15	P-0
Sarasota (New)	(P)	Br. Lemon	Med.	Oct. 15	P-0
Old Gold	(P)	Golden	Med.	Oct. 15	S-2

FOR PRICES SEE PAGE 1

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
BRONZE AND RED					
Early Harvest	(C)	Mah. Orange	Short	Sept. 8	S-2
Harbinger	(D)	Golden Br.	Short	Sept. 8	S-2
*Early Bronze	(B)	Orange Br.	Short	Sept. 8	S-3
*W. P. Snyder	(LP)	Apr. Orange	Med.	Sept. 10	S-1
Autumn Song	(D)	Wine Rose	Med.	Sept. 10	S-2
Apache	(LD)	Red and Gold	Med.	Sept. 15	P-0
Red Gold	(B)	Red and Gold	Med.	Sept. 15	S-2
Orloma	(D)	Apr. Bronze	Med.	Sept. 15	N-2
Overly	(C)	Bronze	Med.	Sept. 20	P-0
Sept. Bronze	(B)	Golden Br.	Med.	Sept. 20	S-3
Goblin	(P)	Golden Br.	Tall	Sept. 20	S-3
Red Glow	(P)	Dark Red	Med.	Sept. 20	S-1
*Orsona	(D)	Red & Bronze	Med.	Sept. 20	N-2
Scarlet Crimson	(D)	Bright Red	Med.	Sept. 20	S-2
Mme. Cadillac (New)	(P)	Raspberry Wine	Short	Sept. 20	N-2
Rouge Cushion	(C)	Bright Red	Short	Sept. 25	P-2
Bronze Wonder	(LP)	Rosewood	Med.	Sept. 25	P-3
Champ. Cushion	(C)	Dp. Bronze	Short	Sept. 25	S-3
Comd. Cushion	(C)	Red	Short	Sept. 25	S-3
Mahogany Cushion	(C)	Jasper Red	Short	Sept. 25	S-3
Marionette	(P)	Rust Red	Med.	Sept. 25	S-1
Holiday (Hardy)	(P)	Golden Br.	Med.	Sept. 25	P-2
*Remembrance	(LD)	Dp. Carmine	Med.	Sept. 28	S-1
Kath. Lehman	(LD)	Orange Br.	Med.	Sept. 28	P-3
Admiration	(LD)	Salmon Fawn	Med.	Sept. 28	P-0
Jubilee (Hardy)	(P)	Crimson	Med.	Oct. 1	P-1
Mogul	(P)	Orange Rust	Med.	Oct. 1	P-2
Reverie	(D)	Buff Bronze	Med.	Oct. 1	P-0
Fiesta	(P)	Orange Rust	Med.	Oct. 1	S-1
Magnificent	(LD)	Plum Red	Tall	Oct. 1	S-1
Red Cloud (cushion)	(C)	Scarlet	Med.	Oct. 1	S-1
Red Riding Hood	(D)	Bright Red	Med.	Oct. 1	S-2
Sam Williston (cushion)	(C)	Deep Red	Short	Oct. 1	S-3
Gondolier	(LD)	Crimson	Med.	Oct. 1	P-0
Bonfire	(D)	Bright Red	Med.	Oct. 1	S-1
Brigadier	(LP)	Plum Red	Med.	Oct. 1	P-2
Regina (New)	(LD)	Apricot Br.	Med.	Oct. 1	P-0
Cardinal Spoon	(Spoon)	Red Bronze	Med.	Oct. 1	S-1
Firecracker	(D)	Mahogany	Tall	Oct. 5	P-3
Cydonia	(LD)	Mahogany	Tall	Oct. 5	S-3
*September Cheer	(S)	Cherry Red	Med.	Oct. 5	S-3
Burgundy	(LD)	Wine Red	Tall	Oct. 5	S-3
Ruby Pompon	(P)	Ruby Crimson	Med.	Oct. 5	S-3
Red Velvet	(LD)	Dk. Crimson	Med.	Oct. 5	S-2
*Mona	(P)	Rust Bronze	Med.	Oct. 5	S-1
Avalon	(P)	Orange Bronze	Tall	Oct. 5	P-2
Courageous	(LD)	Dk. Ruby	Med.	Oct. 5	S-2
*Mrs. Dupont	(LD)	Coral Buff	Tall	Oct. 5	S-1
Beacon	(LD)	Coral Apricot	Tall	Oct. 8	S-1
Panorama	(D)	Orange Rust	Tall	Oct. 8	P-2
Aviator	(P)	Copper	Med.	Oct. 8	S-2
AUCCESS	(LP)	Deep Crimson	Med.	Oct. 8	S-1
Amber Glow	(LD)	Rosey Br.	Tall	Oct. 8	S-2
Miguel	(D)	Raspberry Red	Tall	Oct. 8	N-2
*D Calumet (New, Hardy)	(D)	Apricot	Med.	Oct. 10	P-0

FOR PRICES SEE PAGE 1

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
BRONZE AND RED (Cont'd)					
The Chief	(D)	Scarlet Gold	Med.	Oct. 10	S-3
Huntsman	(LD)	Scarlet Orange	Tall	Oct. 10	S-1
Bokhara	(D)	Crimson	Med.	Oct. 10	S-1
Carnival	(LP)	Burnt Orange	Med.	Oct. 10	S-1
Caravan	(LD)	Salmon Br.	Med.	Oct. 10	P-3
Blueblood	(D)	Amaranth Red	Tall	Oct. 10	P-3
Orpheus	(LP)	Roman Red	Tall	Oct. 10	N-2
Carmine Queen	(LP)	Carmine	Tall	Oct. 10	S-1
*Bamboo	(S)	Buff Orange	Tall	Oct. 10	S-1
Fireside	(D)	Burnt Orange	Tall	Oct. 10	S-1
Nytoda	(S)	Golden Apricot	Med.	Oct. 12	P-2
Admiral	(D)	Dark Red	Med.	Oct. 12	P-3
Fashion	(D)	Rosewood	Med.	Oct. 12	P-3
Witchery	(D)	Golden Br.	Med.	Oct. 12	S-1
Nokomis	(LD)	Red Bronze	Med.	Oct. 12	S-1
Nocturne	(P)	Crimson	Med.	Oct. 12	S-1
*James Stewart	(P)	Apricot Gold	Tall	Oct. 15	S-1
Robinhue	(LD)	Dark Red	Tall	Oct. 15	S-1
Br. Pyramid	(LD)	Orange Br.	Tall	Oct. 15	S-2
Mayford's Triumph	(L-Inc.)	Scarlet Br.	Tall	Oct. 15	S-1
Detroitier	(P)	Red Br.	Tall	Oct. 15	S-1
*Carmelita	(LD)	Apricot Br.	Tall	Oct. 15	S-1
Cocktail	(P)	Salmon Br.	Med.	Oct. 15	P-3
Rajah	(S)	Scarlet	Tall	Oct. 15	P-3
Chopin (New)	(L-Inc.)	Lt. Bronze	Med.	Oct. 15	P-0
Arvis (New)	(P)	Bronze	Tall	Oct. 15	P-0
PINK AND LAVENDER					
Gladness	(D)	China Rose	Short	Aug. 28	S-1
Cecil Beed	(D)	Deep Lavender	Med.	Sept. 1	P-2
Dr. Longley	(D)	Rose Pink	Med.	Sept. 1	P-3
Dr. Graham	(D)	Lav.	Med.	Sept. 1	P-0
Sal. Precose	(LD)	Salmon Pink	Short	Sept. 1	S-1
*Welcome	(S)	Mellow Purple	Med.	Sept. 1	S-3
Rosa	(C)	Rose Pink	Med.	Sept. 5	P-0
*Purple Star	(P)	Purple	Med.	Sept. 5	S-3
Barbara Small	(P)	Lavender	Tall	Sept. 10	S-2
*D Nye's Favorite	(D)	Lavender	Med.	Sept. 10	S-1
*Orchid Helen	(D)	Orch. Lavender	Med.	Sept. 10	P-3
Royal Robe	(D)	Purple	Med.	Sept. 15	P-1
Chippewa	(LD)	Bright Purple	Med.	Sept. 15	S-2
Violet	(P)	Amaranth Pink	Med.	Sept. 15	S-2
Fairbow	(P)	Lavender Pink	Med.	Sept. 20	S-1
Tapestry	(LD)	Bright Pink	Med.	Sept. 20	P-3
Heather Bloom	(D)	Heather Pink	Med.	Sept. 20	S-3
*Alert	(LD)	Dark Purple	Med.	Sept. 20	S-3
Olive Longland	(LD)	Apricot Salmon	Med.	Sept. 25	S-3
Imp. Early Wonder	(P)	Lavender	Med.	Sept. 25	S-2
*Spellbound	(D)	Lavender	Med.	Sept. 25	S-2
Capt. J. Smith	(C)	Lavender Pink	Short	Sept. 25	S-3
*Maj. Cushion	(C)	Lavender	Short	Sept. 25	S-3
Pink Beauty	(D)	Salmon Pink	Med.	Sept. 25	S-3
September Dawn	(D)	Rose Pink	Med.	Sept. 25	S-3
Pink Opal	(P)	Persian Rose	Med.	Sept. 28	P-2

FOR PRICES SEE PAGE 1

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
PINK AND LAVENDER (Cont'd)					
Rosita	(B)	Lavender Rose	Med.	Sept. 28	S-2
Malinda Brown	(P)	Lavender Rose	Med.	Sept. 28	P-1
Betty	(LD)	Pk. Rose Ctr.	Tall	Sept. 28	S-1
Misty Maid	(D)	Lt. Pink	Med.	Sept. 28	S-1
Pat. Lehman	(D)	Peach Pink	Tall	Sept. 28	P-3
Fascination	(LD)	Lavender Pink	Med.	Oct. 1	P-1
*D Myrtle Walgreen	(LP)	Amar. Purple	Med.	Oct. 1	S-1
*Tiffany Rose	(S)	Deep Rose	Med.	Oct. 1	S-3
Mischief	(S)	Purple	Short	Oct. 1	P-0
Alex Cummings	(LD)	Deep Rose	Tall	Oct. 3	P-1
Enterprise	(P)	Amaranth	Tall	Oct. 5	P-2
Corona (Hardy, New)	(S)	Deep Lav.	Tall	Oct. 5	P-0
*Pink Surprise	(D)	Lavender	Tall	Oct. 5	S-1
*Lavender Lady	(D)	Lavender Pink	Tall	Oct. 5	S-1
Ponca	(SD)	Dk. Lav.	Short	Oct. 10	S-1
Dream Girl	(P)	Light Lavender	Med.	Oct. 10	S-1
Argonne	(P)	Dark Lavender	Med.	Oct. 10	S-1
*Courtier	(D)	Lavender Pink	Med.	Oct. 10	P-3
Time	(LP)	Lavender	Med.	Oct. 10	S-1
Orchid Spoon	(Spoon)	Orchid Lavender	Med.	Oct. 10	S-1
Rose Spoon	(Spoon)	Lavender Rose	Med.	Oct. 10	S-3
Lassie	(LD)	Dark Pink	Med.	Oct. 10	P-3
*Masquerade	(P)	Lavender Rose	Med.	Oct. 10	S-1
*Joybringer	(D)	Salmon Rose	Short	Oct. 10	S-1
*Serenade	(S)	Magenta	Tall	Oct. 10	S-1
Ronnie	(B)	Dk. Lav.	Med.	Oct. 12	S-1
Elizabeth Hood	(LD)	Lavender Pink	Med.	Oct. 12	P-2
Allegro	(P)	Shrimp Pink	Med.	Oct. 12	S-2
Adagio	(P)	Raspberry Rose	Tall	Oct. 12	S-1
Dawn Rose	(LD)	Grenadine Pink	Med.	Oct. 15	S-1
*Jewell	(P)	Lavender Pink	Med.	Oct. 15	S-2
Dark Jewell	(P)	Dark Lavender	Med.	Oct. 15	S-2

Following are Large flowering Mums which are normally grown in the greenhouse, but also are good outside. Should be disbudded to one bloom per stem.

Symbols: (M) Medium — (L) Large — (Inc.) Incurved — (Ref.) Reflexed

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
WHITE					
Silver Sheen	M-Inc.	White	Tall	Oct. 20	S-3
YELLOW					
Harvest Golden	M-Inc.	Deep Golden	Tall	Oct. 10	S-1
*D Gold Lode	M-Ref.	Lemon	Tall	Oct. 15	S-3
Celestra	M-Inc.	Lemon	Tall	Oct. 15	S-2
Mrs. Kidder	L-Inc.	Deep Lemon	Tall	Oct. 15	S-3
Buttercup	M-Inc.	Golden	Short	Oct. 15	P-0
BRONZE AND RED					
Mayford's Triumph	M-Inc.	Scarlet Orange	Tall	Oct. 10	S-1
Amber Bright	M-Inc.	Amber Br.	Med.	Oct. 15	S-1
Chopin	M-Inc.	Lt. Bronze	Med.	Oct. 15	P-0
PINK AND LAVENDER					
Pink Chief	L-Inc.	Lavender	Tall	Oct. 15	S-3
Major Bowes	L-Inc.	Deep Lavender	Tall	Oct. 15	S-3

FOR PRICES SEE PAGE 1

New All Season Chrysanthemum Culture

FROM THE OHIO STATE FLORISTS BULLETIN

CUT FLOWERS

The schedule of operations is that of Yoder Bros., adapted for the 40° to 45° north latitude (New England, New York, Pennsylvania, north half of Ohio, north half of Indiana, north half of Illinois, Iowa, Minnesota, Wisconsin, Michigan, Washington, and Oregon). For the latitude of 35° to 40° north (southern New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, Kentucky, Tennessee, southern Ohio, southern Indiana, southern Illinois, Missouri, Kansas, Colorado, northern Arkansas, northern Oklahoma, southern Nevada, southern Utah, and central California) a slight modification of the schedule should be made between the dates of July 21 and March 3 only. This modification consists of cutting off one week of long day treatment or, to state in another way, give short day conditions one week earlier than is shown in the schedule presented here. For more southern latitudes, other schedules should be consulted.

Even though you may not be interested in chrysanthemums at all seasons, there is considerable interest in the flowering of the mum for specific periods. For example, the production of white, yellow, and light pink pompons for the spring months has been very profitable for some growers. The schedule can also be used for production of standard mums when natural varieties are mediocre or poor. This is well illustrated in December, when Smith's Late White and Tobin's Late Yellow may be the only varieties available. In this case it is quite simple to delay the flowering of the Indianapolis group, the Mefos, or the Queens for December to have good quality standards for this period.

CUTTINGS

The cuttings must be taken from lighted stock plants, and it is simplest to buy them from the specialist who is doing it.

LIGHTING

To prevent formation of flower buds the light intensity must be 10 foot-candles (F.C.). For an extensive area, additional light is best supplied by bulbs near the roof of the greenhouse and you should consult your local light and power company concerning the cheapest method of providing the desired intensity. For smaller installations the spacing given below will be satisfactory for a bench 4 feet wide:

60-watt bulbs in a reflector, spaced 4 feet apart, 2 to 4 feet above the tops of the plants.

100-watt bulbs in a reflector, spaced 6 feet apart, 2 to 4 feet above the tops of the plants.

200-watt bulbs in a reflector, spaced 8 feet apart, 2 to 4 feet above the tops of the plants.

Lights must be used between August 1 and May 15 because during this period the day length is short enough to cause flower buds to form on some of the varieties.

Results of work by experiment stations and commercial firms show that best results with lights are secured by interrupting the night. Actually, the chrysanthemum is a "long night" plant rather than a "short day" plant. This may appear to be splitting hairs, but flower buds can be prevented from forming by interrupting the night even though at the same time the day length is short. Therefore, begin lighting at 10 p.m. for the number of hours shown below:

Month	Hours of lighting per night
August	2
September	2½
October	3
November	4
December	5
January	5
February	4
March	3
April	2
May 1-15	2

Though manipulation of light to control spray formation is feasible, it is too complicated for the grower who is not a mum specialist.

SHADING

Between September 1 and February 15 the day length is short enough to cause flower buds to form on all varieties. Therefore it is not necessary to cover the plants with black cloth during this period. However, if you have a number of houses or benches in mums and the lights are not all turned off the same day, then you must use black cloth as a curtain between lighted and unlighted benches.

TEMPERATURE

To insure rapid vegetative growth as well as flower bud set, the night temperature must be 60°F. There are only a few crops that can be grown with chrysanthemums at the 60°F. night temperature during the fall, winter, and early spring months. Chrysanthemums can be grown with roses, gardenias, and China asters. However, stocks, snapdragons, and other cool crops cannot be grown with chrysanthemums. Flowers of extra fine quality can be produced by gradually lowering the night temperature to 50°F. after the flower buds are visible. This requires more time than shown in the schedule and cannot be practiced where chrysanthemums in various stages of development are being grown in the same house.

In hot summer weather, black cloth shade should be applied late in the afternoon and removed later in the morning—this will reduce the heat under cloth. Some varieties will not develop properly if it is too warm under the cloth, while pink and bronze varieties fade at high temperatures.

The best bronze pompons to withstand summer heat are Beauregard, Buckskin, Dark Bronze Masterpiece, Firefly, and Paragon.

GENERAL RECOMMENDATIONS

The schedule of operations allows for three crops per year from the same square foot of bench space—if you are interested in year around flowering. If not, then use the schedule to flower the chrysanthemums wherever you want them.

Yoders do not pinch the cuttings. Since the market demands are for bunches with at least 6 stems, the planting distance varies with the season; that is, the more natural light there is the closer the planting. The recommended spacing is shown below:

Distance in inches	When plants are to be flowered from
4x6	June 15 to September 15
4x7	September 15 to November 1
4x8	November 1 to December 15
4x9	December 15 to March 15
4x8	March 15 to May 1
4x7	May 1 to June 15

Both pompons and standards are supported with wire and string, the same as pompons usually are. To get the best and most rapid growth, (1) be sure the soil is well drained, (2) keep the nitrate level no higher than 25 ppm (Spurway) in late fall and winter, and (3) keep the Solubridge (soluble salts) readings low.

Disbudding practices vary with the grower—some do, and some don't. Disbudding requires time, but with all except the button types (Pinocchio, etc.) the size of the flower and spray formation can usually be improved.

For color preference at various periods of the year, consult your selling outlet. Market preferences vary too much for specific recommendations.

Yoder's schedule of operations is based on weather conditions for northern Ohio. In the south where the sunlight is brighter, the plants will grow more rapidly and some adjustments may have to be made.

Failure of the plants to flower when given short days is usually due to allowing too many long days. Encore, Moonglow, Golden Chord, Majorette, and a few others are especially troublesome in this respect.

VARIETIES

You will note that varieties have been classified into groups, depending upon the approximate number of weeks required for them to come into flower from the time they are given short day treatment. Those that naturally flower early are in the 7 or 8 week groups; those flowering somewhat later are in the 10-week group, etc.

Some of the pink, bronze, and red varieties will fade badly at high temperatures. In these colors, the varieties proving the most satisfactory in warm weather are Beauregard, Buckskin, Dark Bronze Masterpiece, Memorial, Pandora, Paragon, Pink Dot, Red Seneca, Reward Rubicon, and Taffeta.

The varieties listed below are recommended for out-of-season production:

White Pompons, Decoratives, Singles, and Anemones

Variety	Recommended for flowering
7-week varieties	
Classic	May 12 - October 6
Horizon	"
Silverplate	"
White Wonder	"
8-week varieties	
Norona	May 5 - October 13
Pristine	"
9-week varieties	
Halo	April 20 - October 27
Keepsake	"
Pinnocchio	"
Popcorn	"
Songster	"
White Popcorn	"
10-week varieties	
Dynamo	April 6 - November 3
Encore	"
Illini Snowdrift	"
Little America	"
Madonna	"
Matchless	"
Moonglow	"
Shasta	"
Shasta Daisy	"
White Mensa	"
11-week varieties	
Crystal Beauty	September 29 - May 5
Highbrow	"
Lakme	"
Paramount	"
Sculpture	"
Snowflake	"
12-week varieties	
Belray	October 13 - April 27
Fortune	"
Monarch	"
White Valencia	"
13-week varieties	
Acclaim	October 27 - April 13
Cameo	"
Cotillion	"
Ivory Cameo	"
Snowdrop	"
Snow Queen	"
Yukon	"
14-week varieties	
Satellite	November 10 - March 30
Silversmith	"
Snowcap	"
Snowcrest	"

Yellow Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Bright Forecast	May 12 - October 6
Goldrush	"
Polaris	"
Sweepstake	"
8-week varieties	
None suitable.	
9-week varieties	
Gold Coast	April 20 - October 27
Golden Herald	"
Mary Lennon Hall	"
Schneeburg's Yellow Daisy	"
Starbright	"
Sunup	"
Yellow Arcadia	"

Variety	Recommended for flowering
10-week varieties	
Brigadoon	April 6 - November 3
Crescendo	June 15 - September 15 only
Pixie	April 6 - November 3
Yellow Shasta	"
11-week varieties	
Bojangles	September 29 - May 5
Forty-niner	"
Golden Chord	Sept 29 - Dec. 31 only
Klondike	September 29 - May 5
Lollipop	"
Pippin	"
Thorobred	"
12-week varieties	
Champagne	October 13 - April 27
Goldenrod	"
Goldsmith	"
Highlander	"
Nosegay	"
Omega	"
Yellow Valencia	"
13-week varieties	
Cindarella	October 27 - April 13
Corsair	"
Symmetry	"
Yellow Cameo	"
14-week varieties	
Jack pot	November 10 - March 30
Shamrock	"
Siren	"
Vibrant	"
Yellow Riviera	"
Yellow Snowcrest	"

Bronze and Red Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Admiral	May 12 - October 6
Blueblood	"
Carmelita	"
Carmen Queen	"
Firecracker	"
Fireside	"
Marionette	"
Nocturne	"
Red Velvet	"
Witchery	"
8-week varieties	
Detroit	May 5 - October 13
James Stewart	"
Rajah	"
Robinhue	"
9-week varieties	
Buccaneer	April 20 - October 27
Buckskin	"
Firefly	"
Red Seneca	"
10-week varieties	
Beauregard	April 6 - November 3
Bronze Linda Lou	"
Chanticleer	"
Chevron	"
Copperhead	"
Dark Bronze Masterpiece	"
Paragon	"
Rubicon	"
Samovar	"
11-week varieties	
Bronze Minuet	September 29 - May 5
Festival	"
Mrs. Dewey	"
Rusticon	"
Shalimar	"
Thelma	"

Variety		Recommended for flowering
12-week varieties		
Amberina	October 13 - April 27	
Apricot Valencia	"	
Bronze Goldsmith	"	
Crimson Valencia	"	
Galaxy	"	
Indian Head	"	
13-week varieties		
Bronze Minstrel	October 27 - April 13	
Christmas Star	"	
Harlequin	"	
Holiday	"	
Mahogany Viking	"	
14-week varieties		
Bronze Riviera	November 10 - March 30	
Christmas Greeting	"	
Merrymaker	"	
Poinsettia	"	
Topaz	"	

Pink Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Adagio	May 12 - October 6
Courtier	"
Early Wonder	"
Lassie	"
Spellbound	"
Sweetheart	"
8-week varieties	
Carolyn Yosick	May 5 - October 13
Mary McArthur	"
9-week varieties	
Ballerina	April 20 - October 27
Pink Dot	"
Reward	"
10-week varieties	
Linda Lou	April 6 - November 3
Masterpiece	"
Memorial	"
Pandora	"
Soprano	"
Taffeta	"
11-week varieties	
Brocade	September 29 - May 5
Grand Slam	"
Majorette	"
Mermaid	"
Minuet	"
Pinky	"
12-week varieties	
Dark Valencia	October 13 - April 27
Heritage	"
Orchid Valencia	"
Princess	"
Salmon Valencia	"
Valencia	"
13-week varieties	
Debutante	October 27 - April 13
Minstrel	"
14-week varieties	
Defiance	November 10 - March 30
Medallion	"
Riviera	"
Rosalind	"

White Standards

8- and 9-week varieties	
(Handle all as 9-week types)	
Queen's Lace	June 16 - October 27
Silver Sheen	"
White Chief	"

Variety	Recommended for flowering
10- and 11-week varieties (Handle all as 10-week types)	
Betsy Ross	September 29 - June 9
Indianapolis White	"
Jean Elizabeth	"
Marketeer	"
Mefo	"
Monument	"
Sterling	"
12-week varieties	
Chattanooga	November 24 - April 27
December Glory	"

Yellow Standards

8- and 9-week varieties (Handle all as 9-week types)	
Blazing Gold	June 16 - October 27
Good News	"
Yellow Lace	"
10- and 11-week varieties (Handle all as 10-week types)	
Harvester	September 29 - June 9
Indianapolis Yellow	"
Jamboree	"
Lorraine	"
Yellow Mefo	"
Yellow Queen	"
12-week varieties	
Golden Mrs. Ross	November 24 - April 27
Golden Pearson	"
Yellow Chattanooga	"

Variety	Recommended for flowering
Bronze and Red Standards	
9-week varieties	
Detroit News	June 16 - October 27
10-week varieties	
Garnet King	September 29 - June 9
Indianapolis Bronze	"
Mrs. Roy	"
Nomago	"
12-week varieties	
Gladys Pearson	November 24 - April 27
Oak Leaf	"

Pink Standards

8- and 9-week varieties (Handle all as 9-week types)	
Mary Garden	June 16 - October 27
Pink Chief	"
10- and 11-week varieties (Handle all as 10-week types)	
Dark Orchid Queen	September 29 - June 9
Edwin Seidewitz	"
Helen Frick	"
Indianapolis Pink	"
Orchid Queen	"
Pink Pockett	"
Thanksgiving Pink	"

POTTED PLANTS

The general rules pertaining to the use of lighted cuttings, lighting, shading, and temperature apply to chrysanthemums grown as pot plants as stated for cut flowers. However, the pinching date and the varieties used are much different. To keep the plants low, compact, and shapely, they must be pinched soon after they are potted.

Single pinch system. Some growers prefer to produce plants that are pinched only once, because it is a quick method of production. At least 3 or 4 cuttings should be placed in a 5-inch pot or 4 or 5 cuttings in a 6-inch pot. Azalea pots are suggested rather than standards because they are lower and give better effect to the finished plant. If potted during the spring, summer, and fall months, best results are secured with most varieties by pinching and shading the plants the same day that they are potted. This is often referred to as the pot, pinch, and short day system of production. During the winter months, however, it has been observed that the plants should be allowed to grow for 7 to 10 days before they are pinched and given short days.

Double pinch system. Larger, more showy plants are obtained by pinching twice. Three rooted cuttings should be placed in a 5- or 6-inch azalea pot. If potted during the spring, summer, and early fall months, the cuttings should be pinched the same day they are potted and then pinched again in 3 to 4 weeks depending upon the rapidity of growth. With most varieties, the plants should be given short day conditions the same day as the date of the second pinch. In the winter months better results are obtained if the cuttings are

allowed to grow 7 or 10 days before they are pinched the first time, and, second pinch should be made 3 or 4 weeks later.

Varieties. The number of good varieties for use as pot plants is rather limited. While it is true that any variety may be pot grown, it is usually the larger flowered types that find quick public acceptance.

WHITE

- Christina — early.
- Granite State — short compact growth; often necessitates more cuttings per pot or use of smaller pots.
- Indianapolis White — usually too tall unless pinched 10 days after short days are started.
- Little America — must be disbudded for best results.
- Queen's Lace — a good novelty but will be too tall unless pinched 10 days after short days are started.
- Richard Mandel — formerly the most popular white.
- Silversmith — though a seedling of Revelation, it is not too tall if pinched 10 to 14 days after short days are started; must be disbudded. Recommended for December through March only.
- White Frick — usually too tall unless pinched 10 days after short days are started.
- Wilson's White — a new one that is worthy of trial.

YELLOW

- Blazing Gold — early, but somewhat soft.
- Bonnafon Deluxe — the best pot mum, bar none. Sometimes uneven or blind in winter.
- Butterball
- Dark Indianapolis Yellow — a sport which is short.
- Golden Glory — may be soft.
- Gold Lode — very soft, but early.
- Indianapolis Yellow — usually too tall unless pinched 10 days after short days are started.
- Sunglow — may be soft.
- Yellow Lace — an excellent novelty, but will be too tall unless pinched 10 days after short days are started.

BRONZE AND RED

Apricot Queen—if overwatered, this variety quickly becomes chlorotic.

Bronze Masterpiece—somewhat soft, and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.

Copperhead—usually too tall unless pinched 10 days after short days are started.

Glitters—if overwatered, this variety quickly becomes chlorotic.

Gypsy—must be disbudded; fades in hot weather.

Indianapolis Bronze—usually too tall unless pinched 10 days after short days are started.

Indianapolis Golden Bronze—a quilled sport which is short.

Ivanhoe

Mrs. Stahelin—may be tall.

PINK

Helen Frick—usually too tall unless pinched 10 days after short days are started.

Indianapolis Pink—usually too tall unless pinched 10 days after short days are started.

Masterpiece—somewhat soft and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.

Queen of Pinks—the most popular pink pot mum; fades badly in hot weather.

General Remarks. The best pot mums are produced by placing three rooted cuttings in the finishing pot. If hard, starved plants out of small pots are used, poor specimens should be expected. If the pinches are made too high, the plant will not only be leggy, but require extra care in staking.

Regular applications of fertilizer should be made to keep the foliage green and the plant in a healthy condition. It is no longer necessary to run the plants extremely dry and starve them to obtain compact specimens—proper pinching takes care of this. Foliar nematode and septoria black spot can cause the loss of lower leaves which makes the plants unsightly.

A pot mum that is too tall and leggy or one devoid of lower foliage is the main reason why one hears the remark "pot mums won't sell." Height can be kept in check by pinching 7 to 10 days after short days are started. With some varieties it may be necessary to pinch as late as 14 days after short days are started. It is remark-

able how the variation of pinch date in relation to the start of short days regulates the height and compactness of the plant.

While any variety may be grown as a pot mum, most pompons and standards become tall and leggy, are too soft, or do not produce an eye-catching display of flowers.

Only one flower should be allowed to develop per stem. All other buds should be removed when they are large enough to handle conveniently.

Hardy varieties as spring flowering pot plants.

A number of hardy or garden chrysanthemums can be grown as spring flowering pot plants. By using the easy-to-follow directions below there is no trick at all in producing excellent specimens:

1. Use only cuttings taken from lighted stock plants.
2. For flowering about May 1, place 5 rooted cuttings in a 5- or 6-inch pot February 8 and pinch that same day.
3. Give the plants 10 foot-candles of light from 5 p.m. to 10 p.m. each night from February 8 to March 8.
4. On March 8 pinch the plants again, discontinue lighting, and to produce the most uniform specimens shade with black cloth daily from 5 p.m. to 8 a.m. until flowering.
5. Keep the night temperature at 60°F. from potting until flowering.

If the plants are desired somewhat earlier or later than May 1, the dates of potting, pinching, lighting, and shading can be moved ahead or back as desired. This schedule has been worked out at Columbus, Ohio, which is on the 40th parallel. For other localities some modifications may be necessary.

In Ohio the sale of the chrysanthemum as a hardy plant necessitates the purchase of a license for the sale of perennials. Consult with your nursery inspector or county agent if you are not sure of the law in your state.

As a spring flowering pot plant the hardy or garden chrysanthemum is in a class by itself and when correctly grown it should be a valuable addition to the list of spring plants sold by both nurserymen and florists.

The following varieties are recommended:

White	Yellow	Pink	Bronze
Avalanche	Bamboo	Joybringer	Carmelita
Calcite	Carnival	Major Cushion	Early Bronze
Christopher Columbus	Early Gold	September Cheer	James Stewart
Classic	Early Yellow	Serenade	Mona
Pepita	Gold Rush		
Renown	Lemonade	Apricot	Orchid
Silverplate	September Sunshine	Calico	Jewell
White Wonder	Witchery	Tiffany Rose	Spellbound
	Yellow Christopher Columbus	W. P. Snyder	
	Yellow Spoon		
	Yellow Supreme		

Schedule of Operations for Unpinched Chrysanthemums at Any Season

Plant rooted cuttings*	Light beginning	Shade or start short days beginning**								Date of flowering
		For 7-week var.	For 8-week var.	For 9-week var.	For 10-week var.	For 11-week var.	For 12-week var.	For 13-week var.	For 14-week var.	
Jan. 14	Jan. 14		Mar. 10	Mar. 3	Feb. 25	Feb. 18				May 5
Jan. 21	Jan. 21	Mar. 24	Mar. 17	Mar. 10	Mar. 3					May 12
Feb. 4	Feb. 4	Mar. 31	Mar. 24	Mar. 17	Mar. 10					May 19
Feb. 11	Feb. 11	Apr. 7	Mar. 31	Mar. 24	Mar. 17					May 26
Feb. 25	Feb. 25	Apr. 14	Apr. 7	Mar. 31	Mar. 24					June 2
Mar. 3	Mar. 3	Apr. 21	Apr. 14	Apr. 7	Mar. 31					June 9
Mar. 17	Mar. 17	Apr. 28	Apr. 21	Apr. 14	Apr. 7					June 16
Mar. 24	Mar. 24	May 5	Apr. 28	Apr. 21	Apr. 14					June 23
Mar. 31	Mar. 31	May 12	May 5	Apr. 28	Apr. 21					June 30
Apr. 7	Apr. 7	May 19	May 12	May 5	Apr. 28					July 7
Apr. 14	Apr. 14	May 26	May 19	May 12	May 5					July 14
Apr. 21	Apr. 21	June 2	May 26	May 19	May 12					July 21
Apr. 28	Apr. 28	June 9	June 2	May 26	May 19					July 28
May 5	May 5	June 16	June 9	June 2	May 26					Aug. 4
May 12		June 23	June 16	June 9	June 2					Aug. 11
May 19		June 30	June 23	June 16	June 9					Aug. 18
May 26		July 7	June 30	June 23	June 16					Aug. 25
June 2		July 14	July 7	June 30	June 23					Sept. 1
June 9		July 21	July 14	July 7	June 30					Sept. 8
June 16		July 28	July 21	July 14	July 7					Sept. 15
June 23		Aug. 4	July 28	July 21	July 14					Sept. 22
June 30		Aug. 11	Aug. 4	July 28	July 21	July 14				Sept. 29
June 30		Aug. 18	Aug. 11	Aug. 4	July 28	July 21				Oct. 6
July 7			Aug. 18	Aug. 11	Aug. 4	Aug. 11	July 21			Oct. 13
July 14			Aug. 25	Aug. 18	Aug. 11	Aug. 4	July 28			Oct. 20
July 21				Sept. 1	Aug. 25	Aug. 18	Aug. 11	July 28		Oct. 27
July 28				Sept. 8	Sept. 1	Aug. 25	Aug. 18	Aug. 11	Aug. 4	Nov. 3
July 28				Sept. 15	Sept. 8	Sept. 1	Aug. 25	Aug. 18	Aug. 11	Nov. 10
Aug. 4	Aug. 4			Sept. 22	Sept. 15	Sept. 8	Sept. 1	Aug. 25	Aug. 18	Nov. 17
Aug. 11	Aug. 11			Sept. 29	Sept. 22	Sept. 15	Sept. 8	Sept. 1	Aug. 25	Nov. 24
Aug. 11	Aug. 11			Oct. 6	Sept. 29	Sept. 22	Sept. 15	Sept. 8	Sept. 1	Dec. 1
Aug. 18	Aug. 18			Oct. 13	Oct. 6	Sept. 29	Sept. 22	Sept. 15	Sept. 8	Dec. 8
Aug. 25	Aug. 25			Oct. 20	Oct. 13	Oct. 6	Sept. 29	Sept. 22	Sept. 15	Dec. 15
Aug. 25	Aug. 25			Oct. 27	Oct. 20	Oct. 13	Oct. 6	Sept. 29	Sept. 22	Dec. 22
Sept. 1	Sept. 1			Nov. 3	Oct. 27	Oct. 20	Oct. 13	Oct. 6	Sept. 29	Dec. 29
Sept. 8	Sept. 8			Nov. 10	Nov. 3	Oct. 27	Oct. 20	Oct. 13	Oct. 6	Jan. 5
Sept. 15	Sept. 15			Nov. 17	Nov. 10	Nov. 3	Oct. 27	Oct. 20	Oct. 13	Jan. 12
Sept. 22	Sept. 22			Nov. 24	Nov. 17	Nov. 10	Oct. 27	Oct. 20	Oct. 13	Jan. 19
Sept. 29	Sept. 29			Dec. 1	Nov. 24	Nov. 17	Oct. 27	Oct. 20	Oct. 13	Jan. 26
Oct. 6	Oct. 6			Dec. 8	Dec. 1	Nov. 24	Oct. 27	Oct. 20	Oct. 13	Feb. 2
Oct. 13	Oct. 13			Dec. 15	Dec. 8	Dec. 1	Nov. 24	Oct. 27	Oct. 20	Feb. 9
Oct. 20	Oct. 20			Dec. 22	Dec. 15	Dec. 8	Nov. 24	Nov. 17	Nov. 10	Feb. 16
Oct. 27	Oct. 27			Dec. 29	Dec. 22	Dec. 15	Dec. 8	Nov. 24	Nov. 17	Feb. 23
Nov. 3	Nov. 3			Jan. 5	Dec. 29	Dec. 22	Dec. 15	Dec. 8	Nov. 24	Mar. 2
Nov. 10	Nov. 10			Jan. 12	Jan. 5	Dec. 29	Dec. 22	Dec. 15	Dec. 8	Mar. 9
Nov. 17	Nov. 17			Jan. 19	Jan. 12	Jan. 5	Dec. 29	Dec. 22	Dec. 15	Mar. 16
Dec. 1	Dec. 1			Jan. 26	Jan. 19	Jan. 12	Jan. 5	Dec. 29	Dec. 22	Mar. 23
Dec. 8	Dec. 8			Feb. 2	Feb. 9	Jan. 26	Jan. 19	Jan. 12	Jan. 5	Mar. 30
Dec. 22	Dec. 22			Feb. 9	Feb. 2	Feb. 9	Jan. 26	Jan. 19	Jan. 12	Apr. 6
Dec. 29	Dec. 29			Feb. 16	Feb. 9	Feb. 2	Jan. 26	Jan. 19	Jan. 12	Apr. 13
				Feb. 23	Feb. 16	Feb. 9	Feb. 2	Jan. 26	Jan. 19	Apr. 20
										Apr. 27

*For a pinched crop, pinch on this date and plant as indicated below:—

When planting Nov. 15 to Feb. 14, allow 5 weeks from planting to pinching.

When planting Feb. 15 to May 14, allow 4 weeks from planting to pinching.

When planting May 15 to Aug. 14, allow 3 weeks from planting to pinching.

When planting Aug. 15 to Nov. 14, allow 4 weeks from planting to pinching.

**No need to use black cloth between September 1 and February 15 unless lights are used in the same house.

Index

Page	Page	Page	Page
A			
Acclaim .....8	Bourbon .....14	Cavalcade .....14	Dawn Rose .....26
Adagio .....15, 26	Bowl o' Gold .....23	Cecil Beed .....25	Dazzler .....14
Adelaide .....12	Brandywine .....11	Celestra .....19, 26	D. D. Ahrens .....22
Admiral .....12, 25	Br. Buckingham .....13	Chalice .....19	Debonair .....14
Admiration .....24	Br. Enchantress .....14	Challenge .....11	Debutante .....17
Albatross .....18	Br. Frick .....20	Champagne .....11	December Glory .....18
Alert .....25	Br. Goldsmith .....14	Champ. Cushion .....24	December Gold .....11
Alex Cummings .....26	Brigadoon .....10	Chanticleer .....13	December White .....18
Allegro .....15, 26	Brigadier .....15, 24	Chas. Nye .....9, 23	Defiance .....17, 23
Almega .....16	Bright Forecast .....9, 23	Chattanooga .....18	Detroit .....12, 25
Ambassador .....18	Br. Linda Lou .....13	Chevron .....13	Detroit News .....20
Amber Bright .....20, 26	Br. Mary McArthur .....12	Chopin .....6, 20, 25, 26	Dk. Br. Masterpiece .....13
Amber Glow .....24	Br. Masterpiece .....13	Chippewa .....25	Dk. Br. Minstrel .....14
Amberina .....14	Br. Minstrel .....14	Chris. Columbus .....7, 22	Dk. Ind. Bronze .....20
Anaconda .....20	Br. Muet .....14	Christina .....18	Dk. Ind. Yellow .....19
Apache .....24	Brocade .....16	Christmas Greeting .....14	Dk. Jewell .....15
Apricot Queen .....20	Bronze Daisy .....13	Christmas Star .....14	Dk. L. I. Beauty .....16
Apricot Valencia .....14	Bronze Dot .....12	Chiquita .....23	Dk. Orchid Queen .....21
Arbutus .....16	Bronze Mistletoe .....20	Cinderella .....11	Dk. Pink Majorette .....6, 16
Arcadia .....7	Bronze Riviera .....14	Citation .....5, 15	Dk. Pk. Supreme .....17
Argonne .....15, 26	Bronze Thyra .....13	Claret .....14	Dk. Riviera .....17
Argyle .....6, 17	Bronze Wonder .....24	Classic .....7, 22	Dk. Yellow Chattanooga .....19
Aristocrat .....21	Br. Orchid Queen .....20	Cocktail .....12, 25	Dreamboat .....16
Arlora .....3, 9	Br. Tuxedo .....13	Comanche .....13	Dream Girl .....15, 26
Arvis .....6, 25	Br. Pyramid .....25	Comd. Cushion .....24	Dr. Graham .....25
Auccess .....24	Buccaneer .....13	Constellation .....10	Dr. Longley .....25
Autumn Song .....24	Buckeye .....4, 12	Cordova .....8	Drifted Snow .....22
Avalanche .....7, 22	Buckskin .....12	Corona .....6, 26	Dubbonnet Valencia .....17
Avalon .....12, 24	Burgundy .....24	Coronet .....17	Dwight Douglas .....23
Aviator .....24	Butterball .....19, 23	Corsair .....11	Dynamo .....7
Aztec .....3, 9	Buttercup .....6, 19, 23, 26	Courageous .....24	
	Butterscotch .....13	Courtier .....15, 26	
		Copperhead .....13	
B			
Ballerina .....16	C		
Bamboo .....12, 25	Cadet .....4, 13	Cottillion .....8	Early Bronze .....24
Barbara Small .....25	Calcite .....22	Cottontop .....7	Early Gold .....23
Barcarole .....10	Calico .....12	Cover Girl .....5, 16	Early Harvest .....24
Beacon .....24	Calif. White Daisy .....7	Cream Dot .....9	Early Wonder .....15
Beauregard .....13	Calif. Yellow Daisy .....9	Cream Mefo .....19	Early Yellow .....23
Beautiful Lady .....17	Calumet .....6, 24	Creampuff .....3, 9	Edith Roberts .....15
Belray .....8	Cameo .....8	Cream Snowcrest .....11	Ed. Seidewitz .....21
Betty .....5, 15, 26	Canary Wonder .....23	Crescendo .....10	Elizabeth Hood .....26
Betty Rose .....15	Candlelight .....22	Crimson Valencia .....14	Eliz. Hood .....15
Betsy Ross .....18	Capt. Cook .....15	Crystal Beauty .....8	Enchantress .....17
Bittersweet .....13	Capt. J. Smith .....25	Crystal Queen .....18	Encore .....7
Blazing Gold .....19	Caravan .....12, 25	Cydonia .....24	Enterprise .....15, 26
Blueblood .....12, 25	Cardinal Spoon .....24		Ermine .....22
Blue Chip .....5	Carmelita .....12, 25	D	
Bluechip .....16	Carmine Queen .....12, 25	Dalwin .....20	Eskimo .....8
Bojangles .....10	Carnival .....12, 25	Dark Bulkeley .....16	Europa .....13
Bokhara .....25	Carolyn Yosick .....15	Dark Enchantress .....17	Evening Star .....16
Bonfire .....12, 24	Carole .....5, 16	Dark Jewell .....26	
Bonnaffon DeLuxe .....19	Carousel .....14	Dark Linda Lou .....16	
Bonton .....12	Carrara .....8	Dark Norma .....16	F
	Cassandra .....13	Dark Valencia .....17	Fairbow .....25
		Dauntless .....19	Fairyland .....5, 15
			Falcon .....14
			Fascination .....26

Index

Page	Page	Page	Page
Fashion .....25	Granite State .....7, 18	Indiana Market .....18	Magician .....13
Festival .....14	Gypsy .....13	Indianapolis White .....18	Magnificent .....24
Fiesta .....24		Indian Head .....14	Mahogany Cushion .....24
Firebird .....12	H	Ind. Pink .....21	Mahogany Viking .....14
Firecracker .....12, 24	Halo .....7	Ind. Yellow .....19	Malinda Brown .....26
Firefly .....13	Harbinger .....24	Irene .....7, 22	Major Bowes .....21, 26
Fireside .....12, 25	Harlequin .....14	Ivanhoe .....20	Maj. Cushion .....25
Flame Glow .....4, 13	Harvester .....19		Majorette .....16
Flaxen Beauty .....23	Harvest Golden .....19, 26	J	Mamaru .....20
Fortune .....8	Hasegawa Pink .....17	Jack-Pot .....11	Margaret Moeller .....18
Forty-Niner .....10	Heather Bloom .....25	Jamboree .....19	Marie DePetris .....19
Freedom .....3, 7	Heirloom .....8	James Eadie .....23	Marionette .....12, 24
Freida .....16	Helen Frick .....21	James Stewart .....12, 25	Marketeer .....18
Friendly Rival .....19	Heritage .....17	Jean Elizabeth .....18	Marshmallow .....3, 7
	Highlander .....11	Jemima .....12	Mary Gold .....9
G	Highbrow .....8	Jessie .....15	Mary Garden .....21
Gaiety .....4, 12	Hilarity .....4, 12	Jester .....5, 15	Mary L. Hall .....9
Galaxy .....14	Hilda Bergen .....20	Jewell .....15, 26	Mary McArthur .....15
Garland .....9, 23	Holiday .....14, 24	Joybringer .....15, 26	Maestro .....22
Garnet King .....20	Honeycomb .....9, 23	Jubilee .....24	Mason's Bronze .....13
Garza .....8	Honey Dew .....19	Judith Anderson .....23	Mason's Red .....13
Gena Harwood .....20	Honeymoon .....4, 9	J. W. Prince .....21	Mason's Yellow .....10
Genista .....23	Hooked Yellow Lace .....19		Masterpiece .....16
Giant Betsy Ross .....18	Horizon .....7, 22	K	Masquerade .....15, 26
Gladness .....25	Huntsman .....12, 25	Kath. Lehman .....24	Matchless .....7
Gladys Pearson .....20		Kay Tashima .....18	Mayfair .....5, 15
Glitters .....20	I	Keepsake .....7	Mayford's Triumph .....20, 25, 26
Goblin .....24	Illini Bountiful .....8	King Midas .....23	Medallion .....17
Golden Anniversary .....11	Illini Brave .....10	Klondike .....10	Memorial .....16
Gold Braid .....13	Illini Burma .....13	Kolowa .....7	Merrymaker .....14
Gold Coast .....9	Illini Formal .....6, 16		Mefo .....18
Golden Carpet .....23	Illini Gold .....11	L	Metore .....19
Golden Chord .....10	Illini Goldcup .....10	Lakme .....8	Miguel .....24
Golden Glory .....19	Illini Honey .....13	Lassie .....15, 26	Ming .....23
Golden Harvest .....11	Illini Igloo .....7	Lavender Lady .....15, 26	Minong .....7
Golden Herald .....9	Illini Redhead .....14	Lavender Queen .....21	Minuet .....16
Golden Hours .....23	Illini Redwood .....4, 14	Lee Powell .....3, 9, 23	Minstrel .....17
Golden Jane .....11	Illini Rye .....13	Legal Tender .....14	Mirth .....5, 15
Gold Lace .....19	Illini Snowbound .....8	Lemonade .....9, 23	Mischief .....26
Gold Lode .....19, 23, 26	Illini Snowdrift .....7	L. I. Beauty .....8	Miss Clarinda .....16
Golden Mensa .....10	Illini Starlet .....3, 8	Lila Lily .....10	Misty Maid .....26
Golden Mistletoe .....19	Illini Sunspot .....10	Lillian Doty .....16	Mme. Cadillac .....24
Golden Mrs. Ross .....19	Illini Tangier .....13	Limelight .....6, 22	Mogul .....12, 24
Goldenrod .....11	Illini Yellow Snowbound .....11	Linda Lou .....16	Mona .....12, 24
Goldrush .....9	Illini Warrior .....14	Little America .....7	Monarch .....8
Gold Rush .....23	Imp. Br. Daisy .....13	Lollipop .....10	Monogram .....22
Golden Pearson .....19	Imp. Bronze Supreme .....14	Lorraine .....19	Monument .....18
Golden Spoon .....23	Imp. Dk. Supreme .....17	Lotus .....5, 16	Moondrift .....9
Gold Seal .....11	Imp. Early Wonder .....25	Lt. Pk. Minstrel .....17	Moonglow .....7
Goldsmith .....11	Imp. Ind. Yellow .....19	Lyric .....22	Moonlight .....9, 23
Goldtone .....11	Imp. Red Daisy .....13		Moonmaid .....4, 12
Gondolier .....24	Imp. White Supreme .....8	M	Moribana .....19
Gondola .....4, 9	Imp. Yellow Supreme .....11	Madonna .....7	Mrs. Calkins .....19
Good News .....19	Ind. Bronze .....20	Maestro .....7	Mrs. Dewey .....13
Grand Slam .....16	Ind. Golden Bronze .....20		Mrs. Du Pont .....12, 24

Index

	Page		Page		Page
Mrs. Dupont	12, 24	Pandora	16	Red Daisy	13
Mrs. Kidder	19, 26	Panorama	12, 24	Red Dot	9
Mrs. Roy	20	Paradise	4, 12	Red Glitters	20
Mrs. Rotan	23	Paragon	13	Red Glow	12, 24
Mrs. Stahelin	20	Paramount	8	Red Gold	24
Mrs. Walker	21	Paper White	22	Red King	4, 13
Muto's Crimson	20	Pat. Lehman	26	Red Princeton	13
Muto's White	8	Pathfinder	23	Red Riding Hood	24
Myrtle Walgreen	26	Peggy Hoover	21	Red Rolinda	14
N		Pennant	5, 16	Red Rust	13
Nagona	7	Pepita	22	Red Seneca	13
Navaho	13	Petrisian Mauve	5, 15	Red Supreme	14
Nevada	8	Petrisian Pink	5, 15	Red Velvet	12, 24
Nightingale	18	Petrisian Rose	5, 15	Regina	6, 24
Nobility	5, 16	Pink Beauty	25	Remembrance	24
Nocturne	12, 25	Pink Chief	21, 26	Renown	7, 22
Nokomis	12, 25	Pink Cloud	6, 17	Rev. Bushnell	7
Nomago	20	Pink Dot	15	Revelation	8
Norona	7, 22	Pinkette	5, 15	Revelry	11
Nosegay	11	Pink L. I. Beauty	16	Reverie	24
Nugano	6, 16	Pink Mistletoe	21	Reward	15
Nuggets	10	Pink Opal	25	Richard Mandel	7
Nye's Favorite	25	Pink Pockett	21	Riviera	17
Nytoda	12, 25	Pink Sprite	15	Richard Mandel	18
O		Pink Surprise	26	Robinhue	12, 25
Oakdale	20	Pinky	16	Rodell Imp.	9, 23
Oak Leaf	20	Pinocchio	7	Ronnie	15, 26
Oct. Bronze	12	Pippin	10	Rosa	25
Oct. Pink	15	Pixie	10	Rosalind	17
Old Gold	23	Pk. Calif. Daisy	16	Rose Delight	21
Olive Longland	25	Pk. Treas. Island	17	Rose Masterpiece	16
Omega	11	Poinsettia	14	Rose Medallion	17
Orange Beauregard	4	Polar Ice	22	Rose Spoon	26
Orange Beauregard	13	Polaris	9, 23	Rosita	26
Orange Beauregard	4, 13	Polka	6, 16	Rouge Cushion	24
Orchid Beauty	16	Pomponette	23	Royal Bronze	20
Orchid Helen	25	Ponca	15, 26	Royal Robe	25
Orchid Spoon	15, 26	Portrait	5, 16	Rubicon	13
Orchid Queen	21	Powder Puff	22	Ruby Pompon	24
Orchid Valencia	17	Prelude	5, 15	Rusticon	14
Ordalia	3, 9	Princess	17	S	
Orloma	24	Princeton	10	Salmon Masterpiece	16
Orpheus	25	Priscilla	8	Salmon Valencia	17
Orsona	24	Pristine	7	Sal. Precose	25
Osage	22	Purdue	19	Salute	15
Ostosa	6	Purple Star	25	Samovar	13
Queen's Lace	18	Q		Sam Williston	24
Overly	24	Queen of Pinks	16, 21	Sarasota	6, 23
P		R		Sarong	14
Pacesetter	3, 7	Rainbow	16	Satellite	8
Pageantry	14	Rajah	12, 15	Sauterne	3, 9
Palette	4, 12	Rayonnante	21	Scarlet Crimson	24
		Red Cloud	24	Schn. Yellow Daisy	9
				Sculpture	8
				Sea Gull	7
				Seafoam	8
				Sept. Bronze	24
				September Cheer	24
				September Dawn	25
				Sept. Morn	7
				Sept. Sunshine	23
				Seneca	13
				Serenade	15, 26
				Serrated Riviera	17
				Sequin	11
				Soprano	16
				Spellbound	25
				Shalimar	13, 22
				Shamrock	11
				Shasta	7
				Shooting Star	7
				Silver Ball	7, 22
				Silver Cloud	3, 7
				Silverplate	7, 22
				Silver Sheen	18, 26
				Silversmith	8
				Silvertone	3, 7
				Siren	11
				Smith Superlative	19
				Smith's White	18
				Snow	8
				Snowcap	8
				Snowcrest	8
				Snowdrop	8
				Snow Elf	22
				Snow Fall	22
				Snowline	18
				Snowflurry	8
				Snow Queen	8
				Snow White	18
				Songster	7
				Sonnet	5, 15
				Spangles	8
				Spellbound	15
				Spin Drift	22
				Starbright	9
				Starlight	3, 9
				Sterling	18
				Sue Sally Jones	19
				Sugarplum	21
				Sunapee	23
				Sunglow	19
				Sungold	19
				Sunkist	11
				Sunnyside	11
				Sunray	9
				Sunrise, Int.	11
				Sunstone	6, 23
				Sunup	9

Index

	Page		Page		Page		Page
Susanne Miller	10	Vesper	7	Wilson's White	18	Yellow Irene	9, 23
Swan	8	Vibrant	11	Winterset	22	Yellow Lace	19
Sweepstake	9, 23	Violet	25	Witchery	12	Yellow L. I. Beauty	10
Sweetheart	15	Vivacious Lady	16	Witchery	25	Yellow Marketeer	19
Sylvanna	13	Vogue	5, 15	W. P. Snyder	12, 24	Yellow Mefo	19
Symmetry	11			Wychwood	23	Yellow Moeller	19
T		W		Y		Yellow Monument	19
Tacoma	10	Waikiki	20	Yellow Acclaim	4, 11	Yellow Nagona	10
Talisman	4, 12	Wanakah	14	Yellow Ambassador	19	Yellow Nevada	10
Talmeda	3, 8	Welcome	25	Yellow Arcadia	9	Yellow Paramount	4, 10
Taffeta	16	White Anemone	7	Yellow Avalanche	23	Yellow Pockett	19
Tangerine	23	White Bounty	22	Yellow Beauty	10, 19	Yellow Rolinda	10
Tapestry	25	White Chief	18	Yel. Bergen	19	Yellow Priscilla	11
Tempo	5, 16	White Cloud	7, 22	Yellow Blanket	23	Yellow Queen	19
Thanks. Pink	21	White Cushion	22	Yellow Cameo	11	Yellow Rayonnante	19
The Chief	25	White Doty	7	Yellow Cassandra	9	Yellow Revelation	11
Thelma	14	White Enchantress	3, 8	Yellow Chattanooga	19	Yellow Riviera	11
The Titan	13	White Freida	8	Yel. Chris. Columbus	9, 23	Yellow Sea Gull	9
Thorobred	10	White Frick	18	Yellow Cordova	11	Yellow Shasta	10
Thyra	16	White Lady	8	Yellow Cushion	23	Yellow Snow	11
Tiffany Rose	26	White Mensa	7	Yellow Daisy	9	Yellow Snowcap	4, 11
Time	26	White Mistletoe	18	Yellow Dot	9	Yellow Snowcrest	11
Tobin's Yellow	19	White Norma	8	Yellow Fellow	10	Yellow Spangles	11
Topaz	14	White Pockett	18	Yel. Firebird	9	Yellow Spoon	9
Treasure	9, 23	White Popcorn	7	Yellow Fortune	4, 11	Yel. Spoon	23
Trenton	3, 8	White Rayonnante	18	Yellow Galaxy	11	Yel. Supreme	23
Tuxedo	16	White Spoon	22	Yellow Garza	11	Yellow Swan	11
V		Whitetop	3, 7	Yellow Halo	9	Yellow Valencia	11
Valencia	17	White Tower	22	Yellow Highbrow	10	Yolanda	14
Vanguard	23	White Valencia	8			Youdath's White	22
		White Wonder	7, 22			Yukon	8
		White Yuletide	8			Yuleflame	11

ALEC HENDERSON INC.

1305 W. RANDOLPH STREET

CHICAGO 7, ILL.

TELEPHONE MONROE 6-3082

Sold To:..... Ship To:.....

Date of Order

When Required

Are Substitutions Permitted? YES ☐ NO ☐

Ship Via:

Special Instructions:

☐ **Railway Express**☐ Parcel Post☐ Air Express☐ Parcel Post Spec. Delv.☐ Air Freight

DISCLAIMER: In keeping with trade custom, and as we exercise no control over the conditions under which stock is planted and grown by the purchaser, we will not be responsible for the results produced. Our liability in all instances is limited to the purchase of the stock.

We will not be responsible for any errors or omissions. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason. We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. Claims for deterioration in transit must be made against carrier, and we assume no responsibility for them. **NO RETURNS OF CUTTINGS WILL BE ACCEPTED.** All orders subject to acceptance by home office.

Rooted Cuttings		Cost For 50	Price per 100 for quantities						Rooted Cuttings		Cost For 50	Price per 100 for quantities					
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.
	Acclaim.....	4.00	7.60	7.20	6.80	6.40	6.00		Blazing Gold.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Adagio.....	3.50	6.65	6.30	5.95	5.60	5.25		Blueblood.....	4.00	7.60	7.20	6.80	6.40	6.00		
	Adelaide.....	3.00	5.70	5.40	5.10	4.80	4.50		Bojangles.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Admiral.....	4.00	7.60	7.20	6.80	6.40	6.00		Bokhara.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Admiration.....	7.50	14.25	13.50	12.75	12.00	11.25		Bonfire.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Albatross.....	3.25	6.15	5.85	5.50	5.20	4.85		Bonn. Deluxe.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Alert.....	3.00	5.70	5.40	5.10	4.80	4.50		Bonton.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Alex Cummings.....	5.00	9.50	9.00	8.50	8.00	7.50		Bowl O'Gold.....	7.50	14.25	13.50	12.75	12.00	11.25		
	Allegro.....	3.25	6.15	5.85	5.50	5.20	4.85		Brigadier.....	4.50	8.55	8.10	7.65	7.20	6.75		
	Almega.....	4.50	8.55	8.10	7.65	7.20	6.75		Brigadoon.....	4.00	7.60	7.20	6.80	6.40	6.00		
	Ambassador.....	3.25	6.15	5.85	5.50	5.20	4.85		Bright Forecast.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Amberina.....	4.00	7.60	7.20	6.80	6.40	6.00		Br. Buckingham.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Amber Bright.....	3.50	6.65	6.30	5.95	5.60	5.25		Br. Frick.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Amber Glow.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Goldsmith.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Anaconda.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Masterpiece.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Apache.....	7.50	14.25	13.50	12.75	12.00	11.25		Br. Minstrel.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Apr. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Apr. Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Orchid Queen.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Arbutus.....	4.50	8.55	8.10	7.65	7.20	6.75		Br. Pyramid.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Arcadia.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Riviera.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Argonne.....	3.50	6.65	6.30	5.95	5.60	5.25		Br. Supreme.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Aristocrat.....	3.25	6.15	5.85	5.50	5.20	4.85		Br. Thyra.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Arvis (New).....	7.50	14.25	13.50	12.75	12.00	11.25		Br. Wonder.....	4.00	7.60	7.20	6.80	6.40	6.00		
	Autumn Song.....	3.25	6.15	5.85	5.50	5.20	4.85		Buccaneer.....	4.00	7.60	7.20	6.80	6.40	6.00		
	Avalanche.....	3.25	6.15	5.85	5.50	5.20	4.85		Buckskin.....	3.50	6.65	6.30	5.95	5.60	5.25		
	Avalon.....	4.50	8.55	8.10	7.65	7.20	6.75		Bunbu.....	3.25	6.15	5.85	5.50	5.20	4.85		
	Aviator.....	3.25	6.15	5.85	5.50	5.20	4.85		Burgundy.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Ballerina.....	3.50	6.65	6.30	5.95	5.60	5.25		Butterball (H).....	3.50	6.65	6.30	5.95	5.60	5.25		
	Bamboo.....	3.50	6.65	6.30	5.95	5.60	5.25		Buttercup (H) (New).....	7.50	14.25	13.50	12.75	12.00	11.25		
	Barbara Small.....	3.25	6.15	5.85	5.50	5.20	4.85		Calcite.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Barcarole.....	3.25	6.15	5.85	5.50	5.20	4.85		Calif. Wh. Daisy (Kimoto's Wh).....	3.50	6.65	6.30	5.95	5.60	5.25		
	Beacon.....	3.50	6.65	6.30	5.95	5.60	5.25		Calif. Wh. Mensa (Nagona).....	3.50	6.65	6.30	5.95	5.60	5.25		
	Beauregard.....	3.50	6.65	6.30	5.95	5.60	5.25		Calif. Yel. Daisy (Sch. Daisy).....	3.50	6.65	6.30	5.95	5.60	5.25		
	Beautiful Lady.....	3.00	5.70	5.40	5.10	4.80	4.50		Calumet (H) (New).....	7.50	14.25	13.50	12.75	12.00	11.25		
	Belray.....	3.50	6.65	6.30	5.95	5.60	5.25		Cameo.....	3.00	5.70	5.40	5.10	4.80	4.50		
	Betsy Ross.....	3.00	5.70	5.40	5.10	4.80	4.50		Canary Wonder.....	4.00	7.60	7.20	6.80	6.40	6.00		
	Betty.....	3.50	6.65	6.30	5.95	5.60	5.25										
	Bittersweet.....	3.25	6.15	5.85	5.50	5.20	4.85										

Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.	Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up		Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	
.....	Candlelight.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Dk. Riviera.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Capt. Cook.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Dk. Supreme.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Capt. J. Smith.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Dk. Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Carrara.....	4.50	8.55	8.10	7.65	7.20	6.75.....		.....	Dr. Graham.....	7.50	14.25	13.50	12.75	12.00	11.25.....	
.....	Caravan.....	4.00	7.60	7.20	6.80	6.40	6.00.....		.....	Dr. Longley.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Card. Spoon.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Dream Girl.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Carmelita.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Drifted Snow.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Carmine Queen.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Dwight Douglas.....	6.25	12.00	11.50	11.00	10.50	10.00.....	
.....	Carnival.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Early Bronze.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Carole (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		.....	Early Gold.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Carolyn Yosick.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Early Harvest.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Cavalcade.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Early Yellow.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Cecil Beed.....	4.50	8.55	8.10	7.65	7.20	6.75.....		.....	Ed. Seidewitz.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Celestra.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Eliz. Hood.....	4.50	8.55	8.10	7.65	7.20	6.75.....	
.....	Champ. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Enchantress.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Chas. Nye.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Encore.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Chattanooga.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Enterprise.....	4.50	8.55	8.10	7.65	7.20	6.75.....	
.....	Chevron.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Ermine.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Chippewa.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Eskimo.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Chiquita.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Fairbow.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Chopin (New).....	7.50	14.25	13.50	12.75	12.00	11.25.....		.....	Fascination.....	5.00	9.50	9.00	8.50	8.00	7.50.....	
.....	Chris. Columbus.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Fashion.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Christ. Greetings.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Fiesta.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Christ. Star.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Firebird.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Cinderella.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Firecracker.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Classic.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Fireside.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Cocktail.....	4.00	7.60	7.20	6.80	6.40	6.00.....		.....	Flame Glow (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....	
.....	Comd. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Flaxen Beauty.....	4.50	8.55	8.10	7.65	7.20	6.75.....	
.....	Constellation.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Forty-Niner.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Copperhead.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Freida.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Cordova.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Friendly Rival.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Corona (H) (New).....	7.50	14.25	13.50	12.75	12.00	11.25.....		.....	Galaxy.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Coronet.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Garland.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Corsair.....	4.00	7.60	7.20	6.80	6.40	6.00.....		.....	Garnet King.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Cotton Top.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Garza.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Courageous.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Gena Harwood (Br. Rayonante).....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Courtier.....	4.00	7.60	7.20	6.80	6.40	6.00.....		.....	Genista.....	6.25	12.00	11.50	11.00	10.50	10.00.....	
.....	Cover Girl (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		.....	Giant Betsy Ross.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Crescendo.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Gladness.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Crystal Queen.....	4.50	8.55	8.10	7.65	7.20	6.75.....		.....	Gladys Pearson.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Cydonia.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Glitters.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Dawn Rose.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Goblin.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	D. D. Ahrens.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Gold Coast.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Debonair.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Gold Lode.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Debutante.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Gold Seal.....	4.50	8.55	8.10	7.65	7.20	6.75.....	
.....	Dec. Glory.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Carpet.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Dec. White.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Chord.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Defiance (H).....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Golden Herald.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Detroit.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Golden Hours.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Detroit News.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Jane (Yel. Valencia).....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Dk. Br. Masterpiece.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85.....	
.....	Dk. Ind. Bronze.....	4.50	8.55	8.10	7.65	7.20	6.75.....		.....	Golden Mrs. Ross.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Dk. Ind. Yellow (Pots).....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Pearson.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Dk. Jewell.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Golden Spoon.....	3.00	5.70	5.40	5.10	4.80	4.50.....	
.....	Dk. Linda Lou.....	3.00	5.70	5.40	5.10	4.80	4.50.....		.....	Goldenrod.....	4.00	7.60	7.20	6.80	6.40	6.00.....	
.....	Dk. Norma.....	3.50	6.65	6.30	5.95	5.60	5.25.....		.....	Goldrush.....	3.50	6.65	6.30	5.95	5.60	5.25.....	
.....	Dk. Orch. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85.....		.....	Goldsmith.....	3.25	6.15	5.85	5.50	5.20	4.85.....	

Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.	Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up		Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	
.....	Goldtone.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	J. W. Prince.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Gondolier.....	7.50	14.25	13.50	12.75	12.00	11.25	.....	.....	Kath. Lehman.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Good News.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Kay Tashima.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Grand Slam.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Keepsake.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Granite State.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	King Midas.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Gypsy.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Klondike.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Halo.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Lassie.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Harbinger.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Lav. Lady.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Harlequin.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Lee Powell.....	4.50	8.55	8.10	7.65	7.20	6.75	.....
.....	Harvester.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Legal Tender.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Harvest Golden.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Lemonade.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Has. Pink.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Lila Lily.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Heather Bloom.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Lillian Doty.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Heirloom.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Limelight (New).....	7.50	14.25	13.50	12.75	12.00	11.25	.....
.....	Helen Frick.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Linda Lou.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Heritage.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Little America.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Highbrow.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Lollipop.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Highlander.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	L. Is. Beauty.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Holiday (H).....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Lt. Pk. Minstrel.....	4.50	8.55	8.10	7.65	7.20	6.75	.....
.....	Honeycomb.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Lyric.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Horizon.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Madonna.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Huntsman.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Maestro.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ill. Bountiful.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Magnificent.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ill. Formal (New).....	5.00	9.50	9.00	8.50	8.00	7.50	.....	.....	Mah. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ill. Gold Cup.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Maj. Bowes.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ill. Igloo.....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Maj. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ill. Redhead.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Majorette.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ill. Redwood (New).....	5.00	9.50	9.00	8.50	8.00	7.50	.....	.....	Malinda Brown.....	5.00	9.50	9.00	8.50	8.00	7.50	.....
.....	Ill. Snowbound.....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Mamoru.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Ill. Snowdrift.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Marg. Moeller.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ill. Starlet (New).....	5.00	9.50	9.00	8.50	8.00	7.50	.....	.....	Marie De Petris.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Ill. Sunspot.....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Marionette.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ill. Tangier.....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Marketeer.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ill. Warrior.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Mary Garden.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ill. Yel. Snowbound.....	4.50	8.55	8.10	7.65	7.20	6.75	.....	.....	Mary Gold.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Imp. Early Wonder.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Mary L. Hall.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Imp. Wh. Supreme.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Masquerade.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Imp. Yel. Supreme.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Masterpiece.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Imp. Ind. Yellow.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Mayford's Triumph.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ind. Bronze.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Medallion.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ind. Golden Br. (Pots).....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Mefo.....	3.00	5.70	5.40	5.10	4.80	4.50	.....
.....	Ind. Pink.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Memorial.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Ind. White.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Merrymaker.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Ind. Yellow.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Meteore.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Indiana Market.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Miguel (New).....	6.25	12.00	11.50	11.00	10.50	10.00	.....
.....	Irene.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Ming.....	4.50	8.55	8.10	7.65	7.20	6.75	.....
.....	Jack Pot.....	4.00	7.60	7.20	6.80	6.40	6.00	.....	.....	Minstrel.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Jamboree.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Minuet.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	James Eadie.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Mischief.....	7.50	14.25	13.50	12.75	12.00	11.25	.....
.....	James Stewart.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Miss Clarinda.....	4.00	7.60	7.20	6.80	6.40	6.00	.....
.....	Jean Elizabeth.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Misty Maid.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Jemima.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Mme. Cadillac.....	6.25	12.00	11.50	11.00	10.50	10.00	.....
.....	Jessie.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Mogul.....	4.50	8.55	8.10	7.65	7.20	6.75	.....
.....	Jewell.....	3.25	6.15	5.85	5.50	5.20	4.85	.....	.....	Mona.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Joybringer.....	3.50	6.65	6.30	5.95	5.60	5.25	.....	.....	Monogram.....	3.50	6.65	6.30	5.95	5.60	5.25	.....
.....	Jubilee (H).....	5.00	9.50	9.00	8.50	8.00	7.50	.....	.....	Monument.....	3.25	6.15	5.85	5.50	5.20	4.85	.....
.....	Judith Anderson.....	3.00	5.70	5.40	5.10	4.80	4.50	.....	.....	Moonglow.....	3.50	6.65	6.30	5.95	5.60	5.25	.....

Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.	Rooted Cuttings		Cost For 50	Price per 100 for quantities					Amt.
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up		Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	
	Moonlight (DePetris)	4.50	8.55	8.10	7.65	7.20	6.75			Pomponette.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Mrs. Dewey.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Popcorn.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Mrs. DuPont.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Powderpuff.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Mrs. Kidder.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Princeton.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Mrs. R. A. Walker..	3.50	6.65	6.30	5.95	5.60	5.25			.....Priscilla.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Mrs. Rotan.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Pristine.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Mrs. Roy.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Purple Star.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Muto's White.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Queen's Lace.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Myrtle Walgreen....	3.50	6.65	6.30	5.95	5.60	5.25			.....Queen of Pinks....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Navaho.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Rainbow.....	4.50	8.55	8.10	7.65	7.20	6.75	
	.....Nightingale.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Rajah.....	4.00	7.60	7.20	6.80	6.40	6.00	
	.....Nocturne.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Rayonante.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Nokomis.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Red Cloud.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Norona.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Red Dot.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Nuggets.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Red Glow.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Nye's Favorite.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Red Gold.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Nytoda.....	4.50	8.55	8.10	7.65	7.20	6.75			.....Red Princeton.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Oak Leaf.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Red Riding Hood...	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Oct. Bronze.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Red Rust.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Oct. Pink.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Red Seneca.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Old Gold.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Red Velvet.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Olive Longland.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Regina (New).....	7.50	14.25	13.50	12.75	12.00	11.25	
	.....Omega.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Remembrance.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Orch. Beauty.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Renown.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Orch. Helen.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Revelation.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Orch. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Revelry.....	4.00	7.60	7.20	6.80	6.40	6.00	
	.....Orch. Spoon.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Reverie.....	7.50	14.25	13.50	12.75	12.00	11.25	
	.....Orloma.....	6.25	12.00	11.50	11.00	10.50	10.00			.....Reward.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Orpheus.....	6.25	12.00	11.50	11.00	10.50	10.00			.....Richard Mandel....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Orsona.....	6.25	12.00	11.50	11.00	10.50	10.00			.....Riviera.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Osage.....	7.50	14.25	13.50	12.75	12.00	11.25			.....Robinhue.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Ostosa (New).....	7.50	14.25	13.50	12.75	12.00	11.25			.....Rodell Improved...	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Overly.....	7.50	14.25	13.50	12.75	12.00	11.25			.....Ronnie.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Pandora.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Rosa.....	7.50	14.25	13.50	12.75	12.00	11.25	
	.....Panorama.....	4.50	8.55	8.10	7.65	7.20	6.75			.....Rosalind.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Paper White.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Rose Delight.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Paragon.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Rose Spoon.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Paramount.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Rosita.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Pathfinder.....	7.50	14.25	13.50	12.75	12.00	11.25			.....Rouge Cushion.....	4.50	8.55	8.10	7.65	7.20	6.75	
	.....Pat. Lehman.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Royal Robe.....	5.00	9.50	9.00	8.50	8.00	7.50	
	.....Peggy Hoover.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Rubicon.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Pepita.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Ruby Pompon.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Pinocchio.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Sal. Precose.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Pippin.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Sam Williston.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Pixie.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Sarasota (New)....	7.50	14.25	13.50	12.75	12.00	11.25	
	.....Pk. Beauty.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Satellite.....	4.00	7.60	7.20	6.80	6.40	6.00	
	.....Pk. Chief.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Scarlet Crimson....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Pk. Dot.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Sch. Yel. Daisy....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Pk. L. Is. Beauty...	3.50	6.65	6.30	5.95	5.60	5.25			.....Sculpture.....	4.00	7.60	7.20	6.80	6.40	6.00	
	.....Pk. Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85			.....Seagull.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Pk. Opal.....	4.50	8.55	8.10	7.65	7.20	6.75			.....Sept. Bronze.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Pk. Surprise.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Sept. Cheer.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Pk. Treas. Is.....	3.00	5.70	5.40	5.10	4.80	4.50			.....Sept. Dawn.....	3.00	5.70	5.40	5.10	4.80	4.50	
	.....Poinsettia.....	4.00	7.60	7.20	6.80	6.40	6.00			.....Sept. Sunshine.....	3.25	6.15	5.85	5.50	5.20	4.85	
	.....Polar Ice.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Serenade.....	3.50	6.65	6.30	5.95	5.60	5.25	
	.....Polaris.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Shalimar (H).....	4.00	7.60	7.20	6.80	6.40	6.00	
	.....Ponca.....	3.50	6.65	6.30	5.95	5.60	5.25			.....Shamrock.....	3.50	6.65	6.30	5.95	5.60	5.25	

Rooted Cuttings		Cost For 50	Price per 100 for quantities						Rooted Cuttings		Cost For 50	Price per 100 for quantities					
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.
	Shasta.....	3.00	5.70	5.40	5.10	4.80	4.50			Wh. Enchantress (New).....	5.00	9.50	9.00	8.50	8.00	7.50	
	Silver Ball.....	3.00	5.70	5.40	5.10	4.80	4.50			Wh. Freida.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Silverplate.....	3.50	6.65	6.30	5.95	5.60	5.25			Wh. Frick.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Silver Sheen.....	3.00	5.70	5.40	5.10	4.80	4.50			Wh. Lady.....	4.50	8.55	8.10	7.65	7.20	6.75	
	Silversmith.....	3.25	6.15	5.85	5.50	5.20	4.85			Wh. Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Siren.....	3.50	6.65	6.30	5.95	5.60	5.25			Wh. Popcorn.....	4.00	7.60	7.20	6.80	6.40	6.00	
	Smith's White.....	3.25	6.15	5.85	5.50	5.20	4.85			Wh. Rayonante.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Snow.....	3.00	5.70	5.40	5.10	4.80	4.50			Wh. Spoon.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Snowcap.....	3.50	6.65	6.30	5.95	5.60	5.25			Wh. Tower.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Snowcrest.....	3.25	6.15	5.85	5.50	5.20	4.85			Wh. Valencia.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Snow Elf.....	3.50	6.65	6.30	5.95	5.60	5.25			Wh. Wonder.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Snowfall.....	3.50	6.65	6.30	5.95	5.60	5.25			Wh. Yuletide.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Snowflurry.....	3.50	6.65	6.30	5.95	5.60	5.25			Wilson's White.....	4.00	7.60	7.20	6.80	6.40	6.00	
	Snowline.....	3.50	6.65	6.30	5.95	5.60	5.25			Winterset (H).....	3.25	6.15	5.85	5.50	5.20	4.85	
	Snow White.....	3.00	5.70	5.40	5.10	4.80	4.50			Witchery.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Songster.....	3.50	6.65	6.30	5.95	5.60	5.25			W. P. Snyder.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Spellbound.....	3.25	6.15	5.85	5.50	5.20	4.85			Wychwood.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sterling.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Acclaim (New).....	5.00	9.50	9.00	8.50	8.00	7.50	
	Spindrift.....	5.00	9.50	9.00	8.50	8.00	7.50			Yel. Ambassador.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Success.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Arcadia.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sue Sally Jones.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Avalanche.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sunapee.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Beauty.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sunglow.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Blanket.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sungold.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Cameo.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Sunnyside.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Chris Columbus.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Sunray.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Cordova.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sunstone (New).....	7.50	14.25	13.50	12.75	12.00	11.25			Yel. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Sunup.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Dot.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Susanne Miller.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Fellow.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Sweepstake.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Firebird.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Tacoma.....	4.50	8.55	8.10	7.65	7.20	6.75			Yel. Galaxy.....	4.50	8.55	8.10	7.65	7.20	6.75	
	Taffeta.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Halo.....	4.50	8.55	8.10	7.65	7.20	6.75	
	Tangerine.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Highbrow.....	4.50	8.55	8.10	7.65	7.20	6.75	
	Tapestry.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Irene.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Thanks. Pink.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Lace.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Thelma.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. L. Is. Beauty.....	3.50	6.65	6.30	5.95	5.60	5.25	
	The Chief.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Marketeer.....	4.50	8.55	8.10	7.65	7.20	6.75	
	The Titan.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Mefo.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Thorobred.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Moehler.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Thyra.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Monument.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Tiffany Rose.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Priscilla.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Time.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Tobin's Yellow.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Rayonante.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Topaz.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Revelation.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Treasure.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Riviera.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Rolinda.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Vanguard.....	4.00	7.60	7.20	6.80	6.40	6.00			Yel. Seagull.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Vesper.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Shasta.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Vibrant.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Snow.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Violet.....	3.25	6.15	5.85	5.50	5.20	4.85			Yel. Snowcrest.....	4.00	7.60	7.20	6.80	6.40	6.00	
	Waikiki.....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Spoon.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Welcome.....	3.00	5.70	5.40	5.10	4.80	4.50			Yel. Supreme (H).....	3.00	5.70	5.40	5.10	4.80	4.50	
	W. H. Buckingham (Pk. Calif. Daisy).....	3.50	6.65	6.30	5.95	5.60	5.25			Yel. Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85	
	Wh. Bounty.....	3.50	6.65	6.30	5.95	5.60	5.25			Yolanda.....	3.50	6.65	6.30	5.95	5.60	5.25	
	Wh. Cloud.....	3.50	6.65	6.30	5.95	5.60	5.25			Youdath's Wh.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Wh. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50			Yukon.....	3.00	5.70	5.40	5.10	4.80	4.50	
	Wh. Doty.....	3.25	6.15	5.85	5.50	5.20	4.85			Yuleflame.....	3.50	6.65	6.30	5.95	5.60	5.25	

COLLECTIONS

Rooted Cuttings of a given number of varieties in any one general group (Pompons, Standards, or Garden Varieties) may be ordered as a Collection when varieties are not specified.

A. 250 Cuttings (50 each of 5 varieties).....	\$ 14.25	C-5. 1000 Cuttings (200 each of 5 varieties).....	\$ 48.00
B-10. 500 Cuttings (50 each of 10 varieties).....	25.50	D-50. 2500 Cuttings (50 each of 50 varieties).....	112.50
B-5. 500 Cuttings (100 each of 5 varieties).....	25.50	D-25. 2500 Cuttings (100 each of 25 varieties).....	112.50
C-20. 1000 Cuttings (50 each of 20 varieties).....	48.00	D-10. 2500 Cuttings (250 each of 10 varieties).....	112.50
C-10. 1000 Cuttings (100 each of 10 varieties).....	48.00	D-5. 2500 Cuttings (500 each of 5 varieties).....	112.50

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following collections, which include the better varieties.

	250	500	1000	2500
COLLECTION #1: Taller Varieties for cutting	\$14.25	\$25.50	\$48.00	\$112.50
COLLECTION #2: For pots or bedding	14.25	25.50	48.00	112.50
COLLECTION #3: 50% for cutting—50% for bedding	14.25	25.50	48.00	112.50
COLLECTION #4: For Easter, Mother's Day, or Memorial Day Pots	14.25	25.50	48.00	112.50

Please state quantity wanted when ordering collections 1 to 4.

BLACK CLOTH FOR SHADING CHRYSANTHEMUMS

Style #258 (.001 Light Transmittance).....	78c per sq. yd.
Style #575 (.034 Light Transmittance).....	72c per sq. yd.

Furnished in 36" widths—wider pieces can be had in multiples of 36" which are sewed together.

Give us your measurements and we will make up your specifications.

FUMICOVERS

Vinyl Plastic

For steam and gas sterilization purposes, also for partitioning. Comes in either **Clear Transparent** or **Opaque Black**. State which is preferred when ordering.

100 x 10 ft.	\$32.00 per piece
100 x 13 ft.	42.50 per piece
100 x 10 1/2 ft.	35.00 per piece
100 x 16 ft.	52.75 per piece
150 x 6 ft.	28.80 per piece
150 x 6 1/2 ft.	32.00 per piece
150 x 10 ft.	45.00 per piece
150 x 13 ft.	63.75 per piece

Or any size desired, at 4c per sq. ft.

Samples Available on Request

PLANT STAKES

Bamboo Dyed Green (Round)

	Per 1000	Per Bale of 2000
1 1/2 foot	\$ 3.50	\$ 6.00
2 foot	4.50	8.00
2 1/2 foot	5.50	10.00
3 foot	7.00	13.00
3 1/2 foot	8.50	16.00
4 foot	9.50	18.00
5 foot	12.50	24.00
6 foot	\$10.00 per bale of 500	

Split Bamboo Stakes

(Dyed Green)

	Per 1000	Per Bale of 5000
12 inch	\$ 2.50	\$10.00
15 inch	3.50	15.00
18 inch	4.50	20.00
24 inch	5.50	25.00

TWISTEMS

The Handy Plant Tie

	1,000	5,000	10,000	25,000
4 inch	\$.95	\$ 4.60	\$ 8.90	\$21.00
8 inch	1.70	7.95	15.30	36.50
12 inch	2.55	11.90	22.90	54.75
16 inch	3.40	15.85	30.50	73.00

BIRD Vita-Bands

PRICES — QUANTITIES — WEIGHTS

	SIZES	1½x1½ x 2½	1¾x1¾ x 2½	2x2 x 2½	2x2 x 3	2½x2½ x 3	3x3 x 3	4x4 x 3	4x4 x 4
PRICE PER M	VB-10	3.70	4.00	4.55	5.05	6.00	6.90	9.00	11.25
	VB-D	3.85	4.15	4.65	5.35	6.05	7.05	9.25	11.60
	VB-H		5.45	5.80	6.90	7.65	8.50	10.45	12.90
VITA- BAND 10	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	500	500
	WEIGHT PER CASE	33 lbs	38 lbs	42 lbs	51 lbs	63 lbs	37 lbs	25 lbs	33 lbs
VITA- BAND D	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	1M	1M
	WEIGHT PER CASE	21 lbs	24 lbs	27 lbs	32 lbs	41 lbs	24 lbs	32 lbs	42 lbs
VITA- BAND H	QUANTITY PER CASE		1M	1M	1M	500	500	500	500
	WEIGHT PER CASE		26 lbs	30 lbs	36 lbs	22 lbs	26 lbs	35 lbs	46 lbs

Prices higher in Rocky Mtn., Pacific Coast, Texas and Gulf State areas.

Vita Band 10 — Nutrient treated for short growing periods up to 10 weeks. Should be removed at time of transplanting.

Vita Band D — Holds root growth, except for long growing periods, until plants are set in permanent location. A slight pressure at that time will crack the band which then disintegrates into the soil.

Vita Band H — New nutrient treated Band. Will control root growth of plants demanding long growing periods.

BIRD Red & Vita POTS

Sold in Units of 1,000 only	PRICES PER THOUSAND							
	2"	2¼"	2½"	3"	3½"	4"	5"	6"
RED	8.60	8.60	8.70	9.15	12.20	14.70	18.15	22.25
VITA-POTS	14.60	14.95	15.50	17.40	22.70	25.70	33.40	44.10

RED: For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out.

VITA-POTS: For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance.

PLANT BANDS—WOOD

	Per 1000
1 ¾ x 1 ¾ x 2 ½ in.	\$4.70
2 x 2 x 2 ½ in.	4.80
2 ½ x 2 ½ x 2 ½ in.	5.10
2 x 2 x 3 in.	5.10
2 ½ x 2 ½ x 3 in.	5.50
3 x 3 x 3 in.	5.90
4 x 4 x 3 in.	6.20
3 x 3 x 4 in.	6.10
4 x 4 x 4 in.	7.10